



## HME2 rabbit pAb

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No         | BYab-08494                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Isotype            | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Reactivity         | Human; Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Applications       | WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Gene Name          | EN2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Protein Name       | HME2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Immunogen          | Synthesized peptide derived from human HME2 AA range: 225-275                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Specificity        | This antibody detects endogenous levels of HME2 at Human/Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Formulation        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Source             | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Purification       | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Dilution           | WB 1: 500-2000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Concentration      | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Purity             | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Storage Stability  | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Synonyms           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Observed Band      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Cell Pathway       | Nucleus.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Tissue Specificity |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Function           | disease:Genetic variations in EN2 may be associated with susceptibility to autism type 10 (AUTS10) [MIM:611016]. Autism is a neurodevelopmental disorder characterized by disturbance in language, perception and socialization. The disorder is classically defined by a triad of limited or absent verbal communication, a lack of reciprocal social interaction or responsiveness, and restricted, stereotypical and ritualized patterns of interests and behavior.,similarity:Belongs to the engrailed homeobox family.,similarity:Contains 1 homeobox DNA-binding domain., |
| Background         | Homeobox-containing genes are thought to have a role in controlling development. In Drosophila, the 'engrailed' (en) gene plays an important role during development in segmentation, where it is required for the                                                                                                                                                                                                                                                                                                                                                              |

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formation of posterior compartments. Different mutations in the mouse homologs, En1 and En2, produced different developmental defects that frequently are lethal. The human engrailed homologs 1 and 2 encode homeodomain-containing proteins and have been implicated in the control of pattern formation during development of the central nervous system. [provided by RefSeq, Jul 2008],

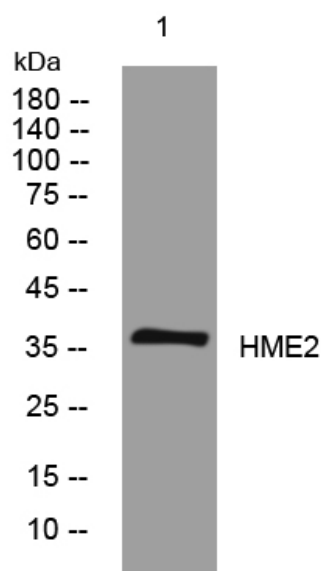
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4° over night