



## MCLN2 rabbit pAb

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No         | BYab-08020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Isotype            | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Reactivity         | Human; Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Applications       | WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Gene Name          | MCOLN2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Protein Name       | MCLN2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Immunogen          | Synthesized peptide derived from human MCLN2 AA range: 328-378                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Specificity        | This antibody detects endogenous levels of MCLN2 at Human/Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Formulation        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.134% 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           | Mucolipin-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Observed Band      | 60kD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Cell Pathway       | Cell membrane ; Multi-pass membrane protein . Late endosome membrane ; Multi-pass membrane protein . Lysosome membrane ; Multi-pass membrane protein . Recycling endosome membrane ; Multi-pass membrane protein . Localizes to recycling endosomes in activated macrophages and microglia. .                                                                                                                                                                                                                 |
| Tissue Specificity | Uterus,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Function           | sequence caution:Translated as Trp.,similarity:Belongs to the transient receptor family. Polycystin subfamily.,                                                                                                                                                                                                                                                                                                                                                                                               |
| Background         | Mucolipins constitute a family of cation channel proteins with homology to the transient receptor potential superfamily. In mammals, the mucolipin family includes 3 members, MCOLN1 (MIM 605248), MCOLN2, and MCOLN3 (MIM 607400), that exhibit a common 6-membrane-spanning topology. Homologs of mammalian mucolipins exist in Drosophila and C. elegans. Mutations in the human MCOLN1 gene cause mucolipodosis IV (MIM 262650) (Karacsonyi et al., 2007 [PubMed 17662026]).[supplied by OMIM, Sep 2009], |

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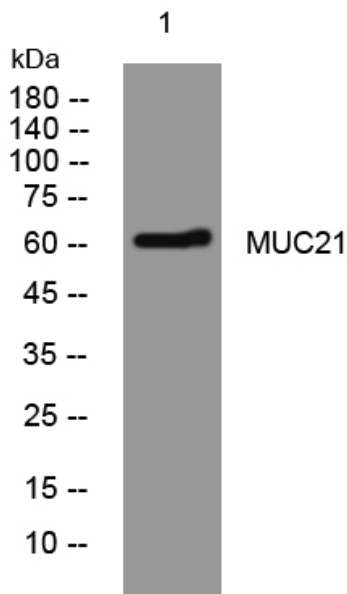
**matters needing attention**

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 HpeG2 cells, primary antibody was diluted at 1:1000, 4° over night