



# CNNM4 rabbit pAb

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>         | BYab-24424                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Isotype</b>            | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Reactivity</b>         | Human; Mouse;Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Applications</b>       | WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Gene Name</b>          | CNNM4 ACDP4 KIAA1592                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Protein Name</b>       | CNNM4                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Immunogen</b>          | Synthesized peptide derived from human CNNM4 AA range: 18-68                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Specificity</b>        | This antibody detects endogenous levels of CNNM4 at Human/Mouse/Rat                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Formulation</b>        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.358% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Source</b>             | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Purification</b>       | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Dilution</b>           | WB 1:500-2000                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Concentration</b>      | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Purity</b>             | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Storage Stability</b>  | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Synonyms</b>           | Metal transporter CNNM4 (Ancient conserved domain-containing protein 4) (Cyclin-M4)                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Observed Band</b>      | 85kD                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Cell Pathway</b>       | Cell membrane ; Multi-pass membrane protein .                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Tissue Specificity</b> | Widely expressed. Highly expressed in heart.                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Function</b>           | function:Probable metal transporter. The interaction with the metal ion chaperone COX11 suggests that it may play a role in sensory neuron functions.,miscellaneous:Shares weak sequence similarity with the cyclin family, explaining its name. However it has no cyclin-like function in vivo.,similarity:Belongs to the ACDP family.,similarity:Contains 2 CBS domains.,subunit:Interacts with COX11.,tissue specificity:Widely expressed. Highly expressed in heart., |
| <b>Background</b>         | This gene encodes a member of the ancient conserved domain containing protein family. Members of this protein family contain a cyclin box motif and have structural similarity to the cyclins. The encoded protein may play a role in metal                                                                                                                                                                                                                               |

**Nanjing BYabscience technology Co.,Ltd**



ion transport. Mutations in this gene are associated with Jalili syndrome which consists of cone-rod dystrophy and amelogenesis imperfecta. [provided by RefSeq, Feb 2010],

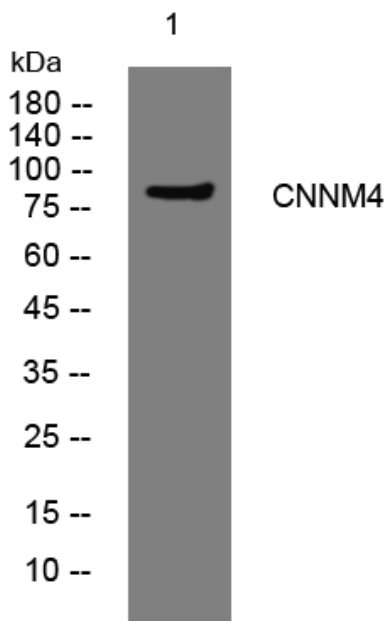
**matters needing attention**

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