



## ZnT-9 Monoclonal Antibody

|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-mAb-04281                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Reactivity</b>                  | Human;Mouse;Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Applications</b>                | WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Gene Name</b>                   | SLC30A9                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Immunogen</b>                   | The antiserum was produced against synthesized peptide derived from human SLC30A9. AA range:181-230                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Specificity</b>                 | ZnT-9 Monoclonal Antibody detects endogenous levels of ZnT-9 protein.                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Source</b>                      | Monoclonal, Mouse,IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Purification</b>                | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                                                                                     |
| <b>Dilution</b>                    | WB 1:500-1:2000                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Synonyms</b>                    | C4orf1;Embryonic lung protein;Expressed in human embryonic lung;GAC63;HUEL;Human embryonic lung protein;Hypothetical protein SLC30A9;SLC30A9;Solute carrier family 30 (zinc transporter) member 9;Solute carrier family 30 member 9;Zinc transporter 9;ZnT-9;ZNT9;ZNT9_HUMAN                                                                                                                                                                                             |
| <b>Observed Band</b>               | 63kD                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Calculated Molecular Weight</b> | 63kD                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Cell Pathway</b>                | Membrane ; Multi-pass membrane protein . Nucleus . Cytoplasm . Cytoplasmic vesicle . Endoplasmic reticulum . Mainly in the cytoplasm (PubMed:10409434). Partial co-localization with endoplasmic reticulum (PubMed:28334855). .                                                                                                                                                                                                                                          |
| <b>Tissue Specificity</b>          | Ubiquitously expressed in fetal and adult tissues and cancer cell lines.                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Function</b>                    | function:Plays a role in the p160 coactivator signaling pathway that mediates transcriptional activation by nuclear receptors (By similarity). Plays a role in transcriptional activation of Wnt-responsive genes.,similarity:Belongs to the cation diffusion facilitator (CDF) transporter (TC 2.A.4) family. SLC30A subfamily.,subunit:Interacts with GRIP1, ESR1 and AR.,tissue specificity:Ubiquitously expressed in fetal and adult tissues and cancer cell lines., |



## Background

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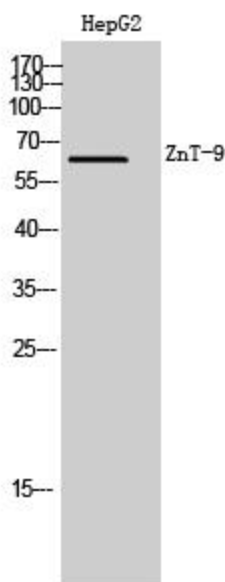
## matters needing attention

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 various cells using ZnT-9 Monoclonal Antibody