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anti-CHM antibody (N-Term)





Publication



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| Quantity: | 100 μL |
|----------------------|-----------------------|
| Target: | CHM |
| Binding Specificity: | N-Term |
| Reactivity: | Human, Horse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Application: | Western Blotting (WB) |

Product Details

| Immunogen: | The immunogen is a synthetic peptide directed towards the N terminal region of human CHM |
|-----------------------|---|
| Sequence: | LHVDSRSYYG GNWASFSFSG LLSWLKEYQE NSDIVSDSPV WQDQILENEE |
| Predicted Reactivity: | Horse: 80%, Human: 100% |
| Characteristics: | This is a rabbit polyclonal antibody against CHM. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification: | Affinity Purified |

Target Details

| Target: | CHM |
|-------------------|---|
| Alternative Name: | CHM (CHM Products) |
| Background: | CHM binds unprenylated Rab proteins, presents it to the catalytic Rab GGTase dimer, and |

remains bound to it after the geranylgeranyl transfer reaction. The component A is thought to be regenerated by transferring its prenylated Rab back to the donor membrane. The choroideremia gene encodes for a protein, the Rab escort protein-1 (REP1), which is involved in membrane trafficking. [supplied by OMIM]. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

Alias Symbols: DXS540, FLJ38564, GGTA, HSD-32, MGC102710, REP-1, TCD

Protein Interaction Partner: UBC, RAB1B, RAB32, RAB14, RAB3D, RAB7A, RAB18, RAB5B,

RAB6A, RAB4A, RAB3B, RAB3A, RAB5A, RAB1A,

Protein Size: 653

| Molecular Weight: | 73 kDa |
|-------------------|-----------------------------|
| Gene ID: | 1121 |
| NCBI Accession: | NM_000390, NP_000381 |
| UniProt: | P24386 |
| Pathways: | Sensory Perception of Sound |

Application Details

| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
|--------------------|--|
| Comment: | Antigen size: 653 AA |
| Restrictions: | For Research Use only |

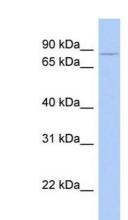
Handling

| Format: | Liquid |
|--------------------|--|
| Concentration: | Lot specific |
| Buffer: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Avoid repeated freeze-thaw cycles. |

Handling

Images

| Storage: | -20 °C |
|-------------------|---|
| Storage Comment: | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| Publications | |
| Product cited in: | Ishiguro, Yamamoto, Fujita, Akasu, Kobayashi, Moriya: "Effect of a clinical pathway after laparoscopic surgery for colorectal cancer." in: Hepato-gastroenterology , Vol. 55, Issue 85, pp. 1315-9, (2008) (PubMed). |



Western Blotting

Image 1. WB Suggested Anti-CHM Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:12500 Positive Control: Human Thymus