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Datasheet for ABIN2792245
anti-CHM antibody (N-Term)

1 Image

1 Publication

Overview

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 GNWASFSFG 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

Target Details

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

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](#)).

Images



Western Blotting

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