

CHML Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51086**Specification**

CHML Antibody - Product Information

Application	WB
Primary Accession	P26374
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	74 KDa
Antigen Region	111 - 170

CHML Antibody - Additional Information**Gene ID** 1122**Other Names**

Rab proteins geranylgeranyltransferase component A 2, Choroideremia-like protein, Rab escort protein 2, REP-2, CHML, REP2

Target/Specificity

KLH conjugated synthetic peptide derived from human CHML

Dilution

WB~~ 1:1000

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

CHML Antibody - Protein Information**Name** CHML**Synonyms** REP2**Function**

Substrate-binding subunit (component A) of the Rab geranylgeranyltransferase (GGTase) complex. Binds unprenylated Rab proteins and presents the substrate peptide to the catalytic component B. The component A is thought to be regenerated by transferring its prenylated Rab back to the donor membrane. Less effective than CHM in supporting prenylation of Rab3 family.

Cellular Location

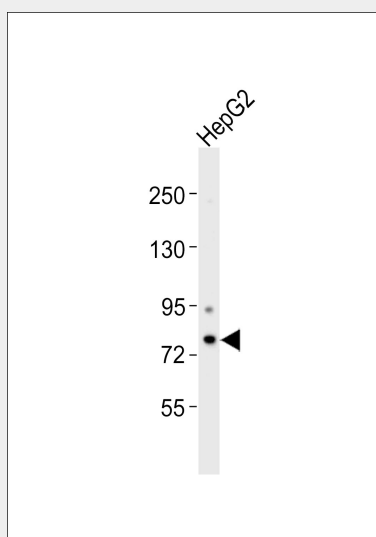
Cytoplasm, cytosol.

CHML Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CHML Antibody - Images



Anti-CHML Antibody at 1:1000 dilution + HepG2 whole cell lysates. Lysates/proteins at 20 μ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 74 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

CHML Antibody - Background

Substrate-binding subunit (component A) of the Rab geranylgeranyltransferase (GGTase) complex. Binds unprenylated Rab proteins and presents the substrate peptide to the catalytic component B. The component A is thought to be regenerated by transferring its prenylated Rab back to the donor membrane. Less effective than CHM in supporting prenylation of Rab3 family.

CHML Antibody - References

- Cremers F.P.M., et al. *Hum. Mol. Genet.* 1:71-75(1992).
Kasper G., et al. *Gene* 295:27-32(2002).
Ota T., et al. *Nat. Genet.* 36:40-45(2004).
Gregory S.G., et al. *Nature* 441:315-321(2006).
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.