

MAPRE2 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14769a**Specification**

MAPRE2 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q15555
Other Accession	Q7ZXP1 , Q3B8Q0 , Q8R001 , Q5ZKK1 , Q3SZP2 , NP_001137299.1 , NP_055083.1 , NP_001137298.1
Reactivity	Human
Predicted	Bovine, Chicken, Mouse, Rat, Xenopus
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	37031
Antigen Region	12-40

MAPRE2 Antibody (N-term) - Additional Information**Gene ID** 10982**Other Names**

Microtubule-associated protein RP/EB family member 2, APC-binding protein EB2, End-binding protein 2, EB2, MAPRE2, RP1

Target/Specificity

This MAPRE2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 12-40 amino acids from the N-terminal region of human MAPRE2.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

MAPRE2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

MAPRE2 Antibody (N-term) - Protein Information

Name MAPRE2

Synonyms RP1

Function May be involved in microtubule polymerization, and spindle function by stabilizing microtubules and anchoring them at centrosomes. May play a role in cell migration (By similarity).

Cellular Location

Cytoplasm, cytoskeleton. Note=Associated with the microtubule network. Accumulates at the plus end of microtubules

Tissue Location

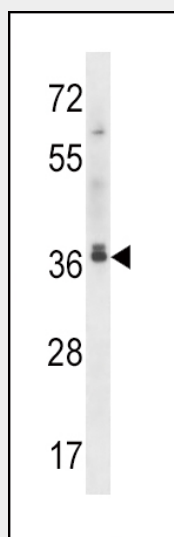
Expressed in different tumor cell lines. Up- regulated in activated B- and T-lymphocytes

MAPRE2 Antibody (N-term) - 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](#)

MAPRE2 Antibody (N-term) - Images



MAPRE2 Antibody (N-term) (Cat. #AP14769a) western blot analysis in CEM cell line lysates (35ug/lane). This demonstrates the MAPRE2 antibody detected the MAPRE2 protein (arrow).

MAPRE2 Antibody (N-term) - Background

The protein encoded by this gene shares significant homology to the adenomatous polyposis coli (APC) protein-binding EB1 gene family. The function of this protein is unknown; however,

its homology suggests involvement in tumorigenesis of colorectal cancers and proliferative control of normal cells. This gene may belong to the intermediate/early gene family, involved in the signal transduction cascade downstream of the TCR. Alternative splicing results in multiple transcript variants. [provided by RefSeq].

MAPRE2 Antibody (N-term) - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
De Groot, C.O., et al. J. Biol. Chem. 285(8):5802-5814(2010)
Zhu, Z.C., et al. J. Biol. Chem. 284(47):32651-32661(2009)
Abiatari, I., et al. Int. J. Oncol. 35(5):1111-1116(2009)
Manna, T., et al. Biochemistry 47(2):779-786(2008)