

MAPRE2 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP14769a**Specification**

MAPRE2 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession [Q15555](#)

MAPRE2 Antibody (N-term) Blocking Peptide - 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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

MAPRE2 Antibody (N-term) Blocking Peptide - 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) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

MAPRE2 Antibody (N-term) Blocking Peptide - Images

MAPRE2 Antibody (N-term) Blocking Peptide - 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) Blocking Peptide - 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)