

CASS4 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP13515b**Specification**

CASS4 Antibody (C-term) Blocking peptide - Product Information

Primary Accession [Q9NQ75](#)

CASS4 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 57091

Other Names

Cas scaffolding protein family member 4, HEF-like protein, HEF1-EFS-p130Cas-like protein, HEPL, CASS4, C20orf32, HEFL

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13515b was selected from the C-term region of CASS4. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

CASS4 Antibody (C-term) Blocking peptide - Protein Information

Name CASS4

Synonyms C20orf32, HEFL

Function

Docking protein that plays a role in tyrosine kinase-based signaling related to cell adhesion and cell spreading. Regulates PTK2/FAK1 activity, focal adhesion integrity, and cell spreading.

Cellular Location

Cytoplasm, cytoskeleton. Cell junction, focal adhesion

Tissue Location

Expressed abundantly in lung and spleen. Also highly expressed in ovarian and leukemia cell lines

CASS4 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

CASS4 Antibody (C-term) Blocking peptide - Images**CASS4 Antibody (C-term) Blocking peptide - Background**

Possible docking protein which may play a role for tyrosine-kinase-based signaling related to cell adhesion. Regulates FAK activity, focal adhesion integrity, and cell spreading.

CASS4 Antibody (C-term) Blocking peptide - References

Singh, M.K., et al. Mol. Biol. Cell 19(4):1627-1636(2008)Rikova, K., et al. Cell 131(6):1190-1203(2007)Deloukas, P., et al. Nature 414(6866):865-871(2001)