10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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)