

PAG1 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP14211a

Specification

PAG1 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession [Q9NWQ8](#)

PAG1 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 55824

Other Names

Phosphoprotein associated with glycosphingolipid-enriched microdomains 1, Csk-binding protein, Transmembrane adapter protein PAG, Transmembrane phosphoprotein Cbp, PAG1, CBP, PAG

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.

PAG1 Antibody (N-term) Blocking Peptide - Protein Information

Name PAG1

Synonyms CBP, PAG

Function

Negatively regulates TCR (T-cell antigen receptor)-mediated signaling in T-cells and FCER1 (high affinity immunoglobulin epsilon receptor)-mediated signaling in mast cells. Promotes CSK activation and recruitment to lipid rafts, which results in LCK inhibition. Inhibits immunological synapse formation by preventing dynamic arrangement of lipid raft proteins. May be involved in cell adhesion signaling.

Cellular Location

Cell membrane; Single-pass type III membrane protein Note=Present in lipid rafts

Tissue Location

Ubiquitously expressed. Present in germinal center B-cells, plasma cells, T-cells, monocytes and platelets (at protein level).

PAG1 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

PAG1 Antibody (N-term) Blocking Peptide - Images

PAG1 Antibody (N-term) Blocking Peptide - Background

The protein encoded by this gene is a type III transmembrane adaptor protein that binds to the tyrosine kinase csk protein. It is thought to be involved in the regulation of T cell activation.

PAG1 Antibody (N-term) Blocking Peptide - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Yerly, S., et al. Eur. J. Haematol. 85(2):93-98(2010) Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Feng, X., et al. Oncogene 28(37):3320-3331(2009)