

PAG1 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15019**Specification**

PAG1 antibody - C-terminal region - Product Information

Application	WB
Primary Accession	O9NWO8
Other Accession	NM_018440 , NP_060910
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	47kDa KDa

PAG1 antibody - C-terminal region - Additional Information**Gene ID** 55824**Alias Symbol** CBP, FLJ37858, MGC138364, PAG**Other Names**

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

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-PAG1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

PAG1 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

PAG1 antibody - C-terminal region - 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

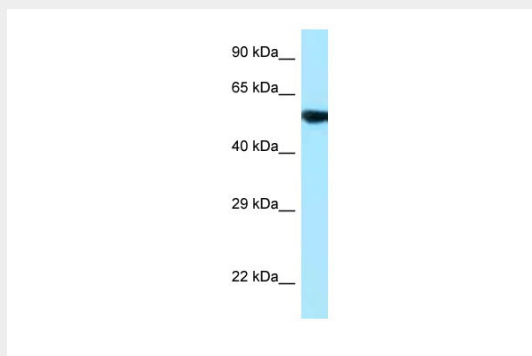
Ubiquitously expressed. Present in germinal center B-cells, plasma cells, T-cells, monocytes and platelets (at protein level).

PAG1 antibody - C-terminal region - 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](#)

PAG1 antibody - C-terminal region - Images



WB Suggested Anti-PAG1 Antibody Titration: 1.0 µg/ml
Positive Control: 721_B Whole Cell

PAG1 antibody - C-terminal region - References

Brdicka T.,et al.J. Exp. Med. 191:1591-1604(2000).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Brdickova N.,et al.FEBS Lett. 507:133-136(2001).
Brill L.M.,et al.Anal. Chem. 76:2763-2772(2004).