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# PAG1 antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15019

## Product Information

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| **Application** | WB |
| **Primary Accession** | Q9NWQ8 |
| **Other Accession** | NM_018440, NP_060910 |
| **Reactivity** | Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine |
| **Predicted** | Human, Mouse, Rat, Pig, Dog, Guinea Pig, Horse, Bovine |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 46981 |

## Additional Information

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| **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. |

## Protein Information

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| **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. |

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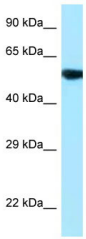
| **Cellular Location** | Cell membrane; Single-pass type III membrane protein Note=Present in lipid rafts |
| **Tissue Location** | Ubiquitously expressed. Present in germinal center B-cells, plasma cells, T-cells, monocytes and platelets (at protein level). |

## 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).


## Images




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


Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.