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30-1280: Anti-PAG / Cbp Polyclonal Antibody

Clonality :	Polyclonal
Application :	IP, WB, IHC
Reactivity :	Mouse, Human
Gene :	PAG1
Gene ID :	55824
Uniprot ID :	Q9NWQ8
Format :	Purified
Alternative Name :	PAG1,CBP,PAG
Isotype :	Rabbit IgG
Immunogen Information :	Recombinant intracellular fragment (aa 97-432) of human Cbp (PAG).

Description

PAG (phosphoprotein associated with GEMs), also known as Cbp (Csk-binding protein), is a ubiquitously expressed 46 kDa transmembrane adaptor protein present in membrane rafts (glycosphingolipid-enriched microdomains), which however migrates on SDS PAGE gels anomalously as an 80 kDa molecule. Following tyrosine phosphorylation by Src family kinases, PAG binds and thereby activates the protein tyrosine kinase Csk, the major negative regulator of the Src family kinases. Signaling via the B-cell receptor in B cells or high affinity IgE receptor (FcepsilonRI) in mast cells leads to PAG increased tyrosine phosphorylation and Csk binding, while T cell receptor signaling causes PAG dephosphorylation, loss of Csk binding and increased activation of the protein tyrosine kinase Lck.

Product Info

Amount :	0.1 mg
Purification :	Purified from rabbit serum by precipitation methods
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Immunoprecipitation Western Blotting Immunohistochemistry *Positive tissue:*tonsil, colon germinal center

For Research Use Only. Not for use in diagnostic/therapeutics procedures.