

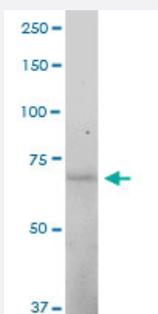
MaxPab®

STAM purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00008027-B02P

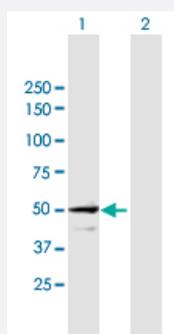
Size 50 ug

Applications



Western Blot (Tissue lysate)

STAM MaxPab polyclonal antibody. Western Blot analysis of STAM expression in rat brain.



Western Blot (Transfected lysate)

Western Blot analysis of STAM expression in transfected 293T cell line ([H00008027-T03](#)) by STAM MaxPab polyclonal antibody.

Lane 1: STAM transfected lysate(45.00 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human STAM protein.

Immunogen

STAM (AAH30586.1, 1 a.a. ~ 403 a.a) full-length human protein.

Sequence

MPLFATNPFDDQDVEKATSEMNTAEDWGLILDICDKVGGQSRTGPKDCLRSIMRRVNHKDPHVAMQ
 ALTLGACVSNCGKIFHLEVCSDRFASEVSNVLNKGHPKVCEKALKALMVEWTDEFKNDPQLSLIS
 AMIKNLKEQGVTFPAIGSQAAEQAKASPALVAKDPGTVANKKEEEDLAKAIELSLKEQRQQSTTL
 STLYPSTSSLLTNHQHEGRKVRAYDFEAAEDNELTFKAGEIITVLDDSDPNWWWKGETHQGIGLFP
 SNFVTAYLTAEPPEMIKTEKKTQVFSDDVQVETIEPEPEPAFIDEDKMDQLLQMLQSTDPSSDDQPD
 LPELLHLEAMCHQMGPLIDEKLEIDIRKHSELSELNKVMSEALSPLYTKLMNEDPMYSMYAKLQNQ
 PGSGPTIRKPSPS

Host	Mouse
Reactivity	Human, Rat
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

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Gene Info — STAM

Entrez GeneID	8027
GeneBank Accession#	BC030586.2
Protein Accession#	AAH30586.1
Gene Name	STAM
Gene Alias	DKFZp686J2352, STAM1
Gene Description	signal transducing adaptor molecule (SH3 domain and ITAM motif) 1
Omim ID	601899
Gene Ontology	Hyperlink

Gene Summary

This gene was identified by the rapid tyrosine-phosphorylation of its product in response to cytokine stimulation. The encoded protein contains a SH3 domain and the immunoreceptor tyrosine-based activation motif (ITAM). This protein associates with JAK3 and JAK2 kinases via its ITAM region, and is phosphorylated by the JAK kinases upon cytokine stimulation, which suggests the function of this protein is as an adaptor molecule involved in the downstream signaling of cytokine receptors. HGS/HRS (hepatocyte growth factor-regulated tyrosine kinase substrate) has been found to bind and counteract the function of this protein. [provided by RefSeq]

Other Designations

OTTHUMP00000019237|signal transducing adaptor molecule 1

Pathway

- [Endocytosis](#)
- [Jak-STAT signaling pathway](#)

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)