

Product datasheet for **TA308964**

STAM1 (STAM) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	IHC:1:100-1:1000; WB:1:500-1:3000
Reactivity:	Human (Predicted: Mouse, Xenopus, Bovine, X. tropicalis)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment corresponding to a region within amino acids 16 and 326 of STAM (Uniprot ID#Q92783)
Formulation:	0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	59 kDa
Gene Name:	signal transducing adaptor molecule
Database Link:	NP_003464 Entrez Gene 20844 Mouse Entrez Gene 8027 Human Q92783
Background:	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]
Synonyms:	STAM-1; STAM1

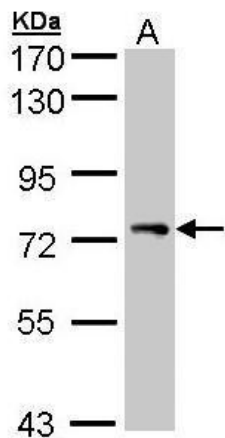


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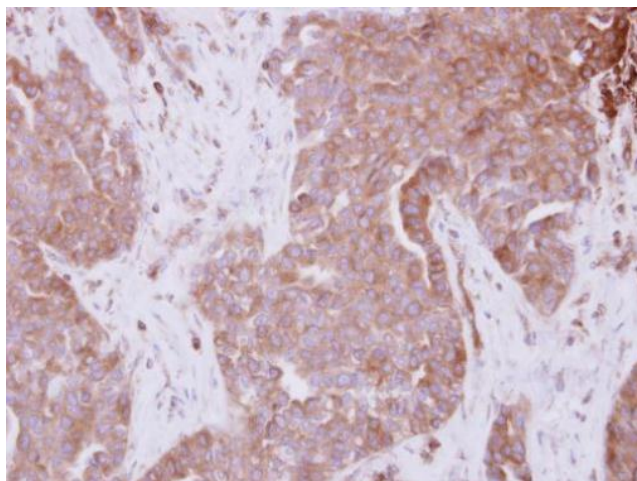
Note: Seq homology of immunogen across species: Mouse (96%), Xenopus laevis (88%), Bovine (97%), Xenopus tropicalis (90%)

Protein Pathways: Endocytosis, Jak-STAT signaling pathway

Product images:



Sample (30 ug of whole cell lysate). A: H1299.
7.5% SDS PAGE. TA308964 diluted at 1:3000



Immunohistochemical analysis of paraffin-embedded AdCA xenograft, using STAM (TA308964) antibody at 1:500 dilution.