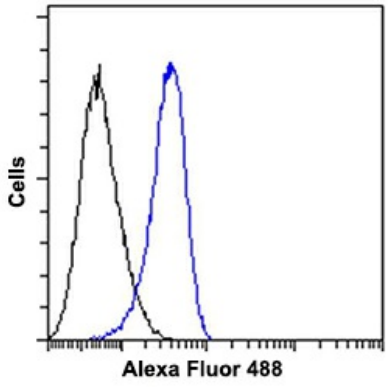
STAM2 polyclonal antibody

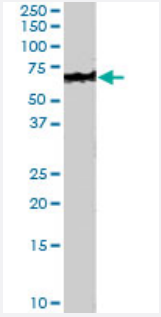
Catalog # PAB7010 Size 100 ug

Applications



Flow Cytometry

STAM2 polyclonal antibody (Cat # PAB7010) Flow cytometric analysis of paraformaldehyde fixed K562 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (1 ug/mL). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Western Blot (Tissue lysate)

STAM2 polyclonal antibody (Cat # PAB7010) (1 ug/mL) staining of human spleen lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of STAM2.
Immunogen	A synthetic peptide corresponding to human STAM2.
Sequence	C-QSIDPTDSKPDSQD
Host	Goat
Theoretical MW (kDa)	58.2
Reactivity	Human

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Specificity	This antibody is expected to no cross-reaction with STAM1.
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:8000) Flow Cytometry (10 ug/mL) Western Blot (1-3 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Flow Cytometry

  STAM2 polyclonal antibody (Cat # PAB7010) Flow cytometric analysis of paraformaldehyde fixed K562 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (1 ug/mL). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

- Enzyme-linked Immunoabsorbent Assay

- Western Blot (Tissue lysate)

  STAM2 polyclonal antibody (Cat # PAB7010) (1 ug/mL) staining of human spleen lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Gene Info — STAM2

Entrez GeneID	10254
Protein Accession#	NP_005834.3
Gene Name	STAM2
Gene Alias	DKFZp564C047, Hbp, STAM2A, STAM2B

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Gene Description	signal transducing adaptor molecule (SH3 domain and ITAM motif) 2
Omim ID	606244
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is closely related to STAM, an adaptor protein involved in the d ownstream signaling of cytokine receptors, both of which contain a SH3 domain and the immunor eceptor tyrosine-based activation motif (ITAM). Similar to STAM, this protein acts downstream of JAK kinases, and is phosphorylated in response to cytokine stimulation. This protein and STAM t hus are thought to exhibit compensatory effects on the signaling pathway downstream of JAK kina ses upon cytokine stimulation. [provided by RefSeq
Other Designations	Hrs-binding protein|STAM-like protein containing SH3 and ITAM domains 2|signal transducing ad aptor molecule 2

Publication Reference

- Hrs, a mammalian master molecule in vesicular transport and protein sorting, suppresses the degradation of ESCRT proteins signal transducing adaptor molecule 1 and 2.

  Kobayashi H, Tanaka N, Asao H, Miura S, Kyuuma M, Semura K, Ishii N, Sugamura K.

  The Journal of Biological Chemistry 2005 Mar; 280(11):10468.

  Application: WB, Mouse, Mouse embryonic fibroblastoid cell lines

Pathway

- Endocytosis
- Jak-STAT signaling pathway

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