

STAM2 (phospho Tyr192) rabbit pAb**Cat#: orb770798 (Manual)**

For research use only. Not intended for diagnostic use.

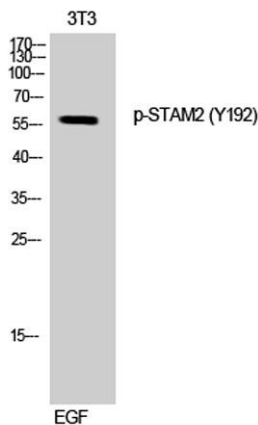
Product Name	STAM2 (phospho Tyr192) rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human STAM2 around the phosphorylation site of Tyr192. AA range:161-210
Specificity	Phospho-STAM2 (Y192) Polyclonal Antibody detects endogenous levels of STAM2 protein only when phosphorylated at Y192.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Signal transducing adapter molecule 2
Gene Name	STAM2
Cellular localization	Cytoplasm . Early endosome membrane ; Peripheral membrane protein ; Cytoplasmic side .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

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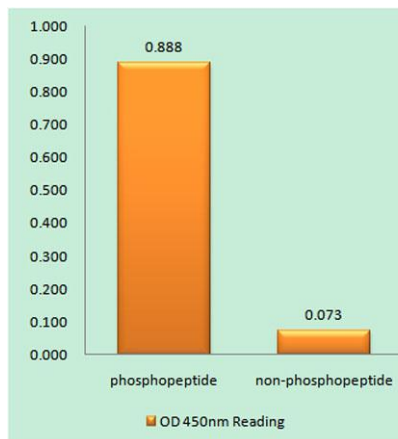
Concentration	1 mg/ml
Observed band	58kD
Human Gene ID	8986
Human Swiss-Prot Number	O75886
Alternative Names	STAM2; HBP; Signal transducing adapter molecule 2; STAM-2; Hrs-binding protein

Background

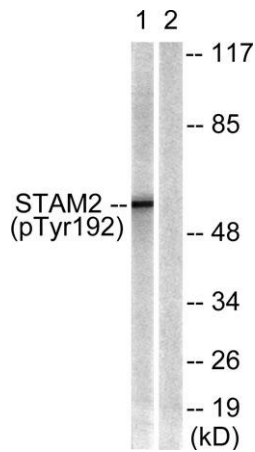
The protein encoded by this gene is closely related to STAM, an adaptor protein involved in the downstream signaling of cytokine receptors, both of which contain a SH3 domain and the immunoreceptor tyrosine-based activation motif (ITAM). Similar to STAM, this protein acts downstream of JAK kinases, and is phosphorylated in response to cytokine stimulation. This protein and STAM thus are thought to exhibit compensatory effects on the signaling pathway downstream of JAK kinases upon cytokine stimulation. [provided by RefSeq, Jul 2008],



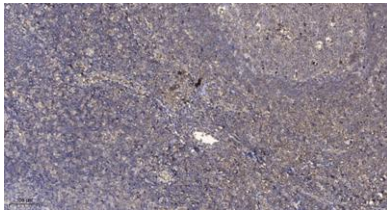
Western Blot analysis of 3T3 cells using Phospho-STAM2 (Y192) Polyclonal Antibody



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using STAM2 (Phospho-Tyr192) Antibody



Western blot analysis of lysates from NIH/3T3 cells treated with EGF 200ng/ml 30', using STAM2 (Phospho-Tyr192) Antibody. The lane on the right is blocked with the phospho peptide.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).