

## STAM1 Polyclonal Antibody

<b>Catalog No :</b>	YN2826
<b>Reactivity :</b>	Human;Rat;Mouse;
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	STAM1
<b>Fields :</b>	>>Endocytosis;>>JAK-STAT signaling pathway
<b>Gene Name :</b>	STAM STAM1
<b>Protein Name :</b>	Signal transducing adapter molecule 1 (STAM-1)
<b>Human Gene Id :</b>	8027
<b>Human Swiss Prot No :</b>	Q92783
<b>Mouse Swiss Prot No :</b>	P70297
<b>Immunogen :</b>	Synthesized peptide derived from part region of human protein AA range: 156-206
<b>Specificity :</b>	STAM1 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

<b>Observed Band :</b>	59kD
<b>Cell Pathway :</b>	Endocytosis;Jak_STAT;
<b>Background :</b>	<p>This gene encodes a member of the signal-transducing adaptor molecule family. These proteins mediate downstream signaling of cytokine receptors and also play a role in ER to Golgi trafficking by interacting with the coat protein II complex. The encoded protein also associates with hepatocyte growth factor-regulated substrate to form the endosomal sorting complex required for transport-0 (ESCRT-0), which sorts ubiquitinated membrane proteins to the ESCRT-1 complex for lysosomal degradation. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Feb 2011],</p>
<b>Function :</b>	<p>function:Involved in intracellular signal transduction mediated by cytokines and growth factors. Upon IL-2 and GM-CSL stimulation, it plays a role in signaling leading to DNA synthesis and c-myc induction. May also play a role in T-cell development. Involved in down-regulation of receptor tyrosine kinase via multivesicular body (MVBs) when complexed with HGS (ESCRT-0 complex). The ESCRT-0 complex binds ubiquitin and acts as sorting machinery that recognizes ubiquitinated receptors and transfers them to further sequential lysosomal sorting/trafficking processes.,PTM:Phosphorylated on Tyr-198. Phosphorylation occurs in response to IL-2, IL-3, IL-4, IL-7, GM-CSF, EGF and PDGF.,similarity:Belongs to the STAM family.,similarity:Contains 1 ITAM domain.,similarity:Contains 1 SH3 domain.,similarity:Contains 1 UIM (ubiquitin-interacting motif) repeat.,similarity:Contains 1 VHS domain.,subunit:Com</p>
<b>Subcellular Location :</b>	Cytoplasm . Early endosome membrane ; Peripheral membrane protein ; Cytoplasmic side .
<b>Expression :</b>	Ubiquitously expressed.
<b>Sort :</b>	21882
<b>No4 :</b>	1

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