

ARG57614 anti-STAM1 antibody

Package: 100 µl, 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes STAM1
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	STAM1
Species	Human
Immunogen	Recombinant protein of Human STAM1.
Conjugation	Un-conjugated
Alternate Names	STAM; Signal Transducing Adaptor Molecule; STAM1; Signal Transducing Adaptor Molecule (SH3 Domain And ITAM Motif); Signal Transducing Adapter Molecule 1; STAM-1; HSE1 Homolog (S. Cerevisiae); HSE1 Homolog

Application Instructions

Application table	Application	Dilution
	WB	1:200 - 1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Jurkat	
Observed Size	70 kDa	

Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	STAM
Gene Full Name	signal transducing adaptor molecule (SH3 domain and ITAM motif) 1
Background	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]
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 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. [UniProt]
Calculated Mw	59 kDa
PTM	sopeptide bond, Phosphoprotein, Ubl conjugation
Cellular Localization	Cytoplasm, Endosome, Membrane

Images



Jurkat

ARG57614 anti-STAM1 antibody WB image

Western blot: 25 µg of Jurkat cell lysate stained with ARG57614 anti-STAM1 antibody at 1:1000 dilution.