

## ARG43841 anti-STAM1 antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes STAM1
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Dog
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	STAM1
Species	Human
Immunogen	Synthetic peptide around the internal region 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
	IHC-P	4-6 µg/ml
	WB	0.3 - 1 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	70 kDa	

### Properties

Form	Liquid
Purification	Affinity purified
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
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 or below. 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.

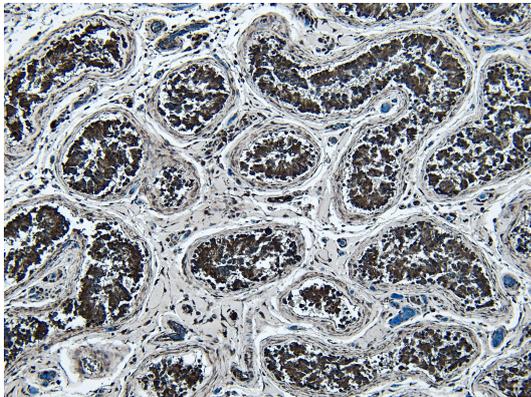
Note

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

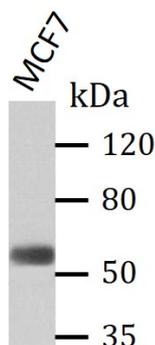
Gene Symbol	STAM
Gene Full Name	Signal Transducing Adaptor Molecule
Background	This gene encodes a member of the signal-transducing adaptor molecule family. These proteins mediate downstream signaling of cytokine receptors and also play a role in ER to Golgi trafficking by interacting with the coat protein 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.
Calculated Mw	59 kDa
PTM	sopeptide bond, Phosphoprotein, Ubl conjugation
Cellular Localization	Cytoplasm, Endosome, Membrane

## Images



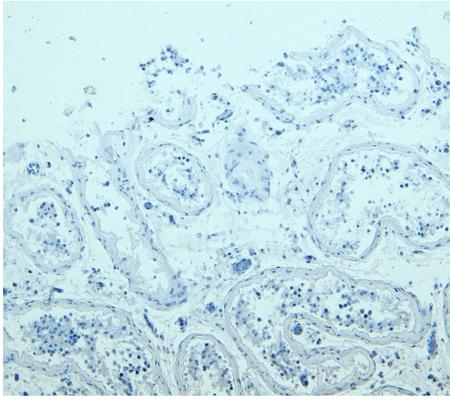
ARG43841 anti-STAM1 antibody IHC-P image

Immunohistochemistry: Human Testis stained with ARG43841 anti-STAM1 antibody at 6 µg/ml



ARG43841 anti-STAM1 antibody WB image

Western blot: MCF7 cell stained with ARG43841 anti-STAM1 antibody at 0.5 µg/ml.



ARG43841 anti-STAM1 antibody IHC-P image

Immunohistochemistry: Human Testis stained with ARG43841 anti-STAM1 antibody at 6  $\mu\text{g/ml}$