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## Datasheet for ABIN1882134 anti-STAM antibody (N-Term)

2 Images

1 Publication



#### Overview

Quantity:	400 µL
Target:	STAM
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STAM antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This STAM antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human STAM.
Clone:	RB4633
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

## Target Details

Target:	STAM
Alternative Name:	STAM (STAM Products)

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## Target Details

Background:	Stimulation of cells with cytokines initiates a signal transduction cascade involving cytokine
	receptors, Janus kinases (JAKs) and signal transducers and activators of transcription
	(STATs). STAM for 'signal-transducing adaptor molecule, induced after stimulation of cells with
	cytokine IL2, is a component of signal transduction downstream of JAK3.1 Human STAM cDNA
	cloned from a T-cell cDNA library encodes a 540-amino acid protein precipitated by anti-
	phosphotyrosine. Northern blot analysis indicates that STAM is expressed as a 2.9-kb message
	in a wide variety of tissue and cell types. The STAM sequence contains a Src-homology 3 (SH3)
	domain and an immunoreceptor tyrosine-based activation motif (ITAM). It has been suggested
	that STAM acts as an adaptor molecule in signal transduction pathways from cytokine
	receptors.
Molecular Weight:	59180
NCBI Accession:	NP_003464
UniProt:	Q92783
Pathways:	EGFR Signaling Pathway, EGFR Downregulation

#### Application Details

Application Notes:	WB: 1:1000. WB: 1:1000
Restrictions:	For Research Use only

#### Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months
Publications	

#### Product cited in:

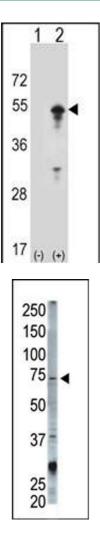
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#### Images



#### Western Blotting

**Image 1.** Western blot analysis of ST (arrow) using rabbit polyclonal ST Antibody (D10) (ABIN1882134 and ABIN2839215). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the ST gene.

Western Blotting						
Image	<b>2.</b> The	anti-ST	Pab	(ABIN1	882134	and
ABIN28	39215) is	used in W	/estern	blot to	detect	ST in
mouse cerebellum tissue lysate.						

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