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Datasheet for ABIN2789368
anti-STAM antibody (N-Term)

2 Images

Overview

Quantity:	100 µL
Target:	STAM
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Rabbit, Guinea Pig, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STAM antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	EQAKASPALV AKDPGTVANK KEEEDLAKAI ELSLKEQRQQ STTLSTLYPS
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 82%
Characteristics:	This is a rabbit polyclonal antibody against STAM. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	STAM
Alternative Name:	STAM (STAM Products)
Background:	This gene encodes a member of the signal-transducing adaptor molecule family. These

Target Details

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.

Alias Symbols: DKFZp686J2352, STAM1, STAM-1

Protein Interaction Partner: DTX3L, HGS, UBC, CLTC, Chmp3, UBE4B, STAMBP, YWHAB, SNTA1, Mbp, MED28, PPP1CA, PPP1CC, UBQLN4, UBQLN2, PRDX5, STMN2, CPLX1, AHCYL1, SSSCA1, STUB1, USP34, ZRANB2, ZPR1, PIR, TPM2, SULT1A1, S100A11, PPM1G, IGBP1, SERPINH1, TBCK, UNK, THADA, TRIM54, USP15, R

Protein Size: 540

Molecular Weight: 59 kDa

Gene ID: 8027

NCBI Accession: [NM_003473](#), [NP_003464](#)

UniProt: [Q92783](#)

Pathways: [EGFR Signaling Pathway](#), [EGFR Downregulation](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 540 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

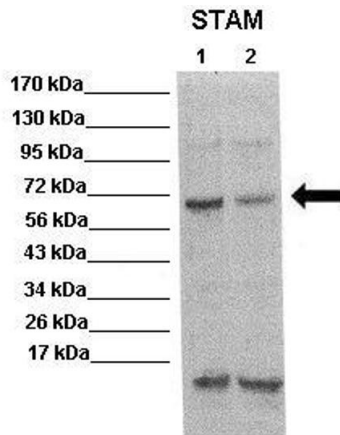
Handling

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

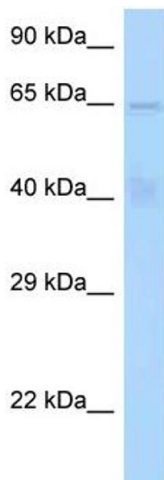
Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-STAM Antibody Positive Control: Lane 1: 20ug mouse brain extract Lane 2: 20ug mouse brain extract Primary Antibody Dilution : 1:500 Secondary Antibody : Anti rabbit-HRP Secondary Antibody Dilution : 1:5,000 Submitted by: Scott Wilson, University of Alabama at Birmingham



Western Blotting

Image 2. WB Suggested Anti-STAM Antibody Titration: 1.0 ug/ml Positive Control: HeLa Whole Cell STAM is supported by BioGPS gene expression data to be expressed in HeLa