

Datasheet for ABIN2856220
anti-STAM antibody (Center)

2 Images

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Overview

Quantity:	100 µL
Target:	STAM
Binding Specificity:	Center
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STAM antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human STAM. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Mouse (Murine), Xenopus laevis, Cow (Bovine), Xenopus tropicalis
Cross-Reactivity (Details):	Mouse (96 %), Xenopus laevis (88 %), Bovine (97 %), Xenopus tropicalis (90 %)
Characteristics:	Rabbit Polyclonal antibody to STAM (signal transducing adaptor molecule (SH3 domain and ITAM motif) 1) STAM antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	STAM
Alternative Name:	STAM (STAM Products)
Background:	<p>This gene was identified by the rapid tyrosine-phosphorylation of its product in response to cytokine stimulation. The encoded protein contains a SH3 domain and the immunoreceptor tyrosine-based activation motif (ITAM). This protein associates with JAK3 and JAK2 kinases via its ITAM region, and is phosphorylated by the JAK kinases upon cytokine stimulation, which suggests the function of this protein is as an adaptor molecule involved in the downstream signaling of cytokine receptors. HGS/HRS (hepatocyte growth factor-regulated tyrosine kinase substrate) has been found to bind and counteract the function of this protein.</p> <p>Cellular Localization: Cytoplasm (Probable) , Early endosome membrane, Peripheral membrane protein, Cytoplasmic side</p>
Molecular Weight:	59 kDa
Gene ID:	8027
Pathways:	EGFR Signaling Pathway , EGFR Downregulation

Application Details

Application Notes:	Suggested dilution Reference IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceIHC (Formalin-fixed paraffin-embedded sections)1:100-1:1000* Western blot1:500-1:3000*
Comment:	Positive Control: 293T , A431 , H1299 , HeLaS3 , HepG2 , Molt-4 , Raji
Restrictions:	For Research Use only

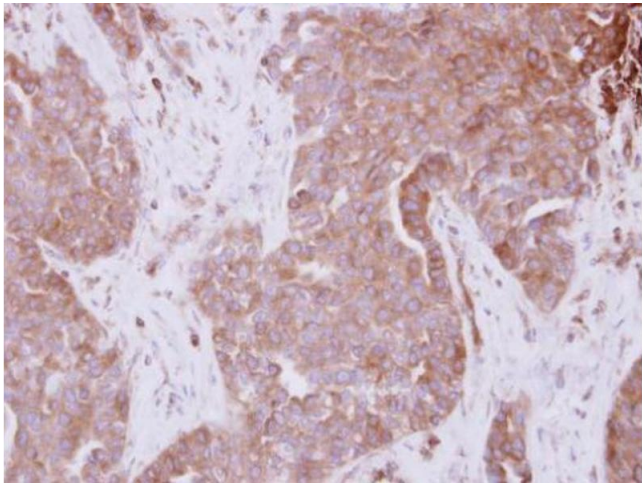
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris, 0.1M Glycine, 10 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

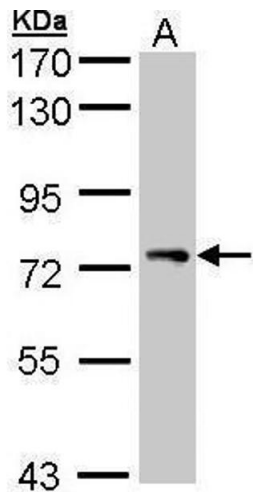
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Images



Immunohistochemistry

Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded AdCA xenograft, using STAM, antibody at 1:500 dilution.



Western Blotting

Image 2. WB Image Sample (30 ug of whole cell lysate) A: H1299 7.5% SDS PAGE antibody diluted at 1:3000