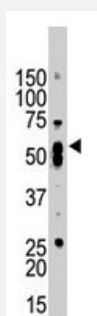


STAM polyclonal antibody

Catalog # PAB1751

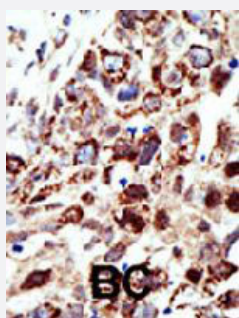
Size 400 uL

Applications



Western Blot (Tissue lysate)

The STAM polyclonal antibody (Cat # PAB1751) is used in Western blot to detect STAM in mouse liver tissue lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with STAM polyclonal antibody (Cat # PAB1751), which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of STAM.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human STAM.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Purification	Protein G purification

Recommend Usage	Western Blot (1:1000) Immunohistochemistry (1:50-100) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

The STAM polyclonal antibody (Cat # PAB1751) is used in Western blot to detect STAM in mouse liver tissue lysate.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with STAM polyclonal antibody (Cat # PAB1751), which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma.

Gene Info — STAM

Entrez GeneID	8027
Protein Accession#	Q92783
Gene Name	STAM
Gene Alias	DKFZp686J2352, STAM1
Gene Description	signal transducing adaptor molecule (SH3 domain and ITAM motif) 1
Omim ID	601899
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]

Other DesignationsOTTHUMP00000019237|signal transducing adaptor molecule 1

Pathway

- [Endocytosis](#)
- [Jak-STAT signaling pathway](#)

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)