USA: proteintech@ptglab.com

Europe: europe@ptglab.com

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STAM Polyclonal Antibody

Catalog number: 12434-1-AP

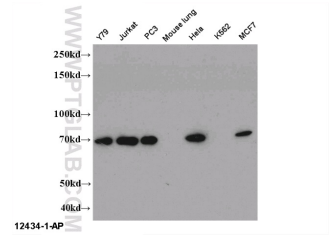
Size: 22 µg/150 µl

Source: Rabbit

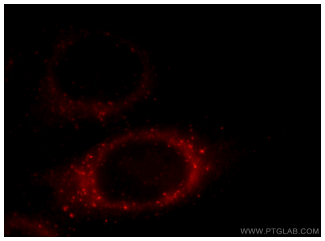
Isotype: IgG

Synonyms:

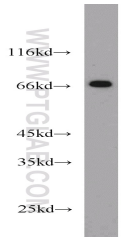
STAM; DKFZp686J2352, STAM, STAM 1, STAM1



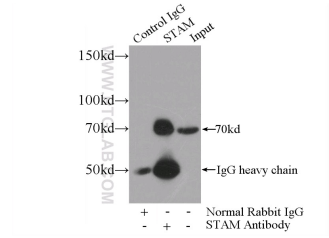
WB result of 12434-1-ap(STAM antibody).



Immunofluorescent analysis of HepG2 cells, using STAM antibody 12434-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



PC-3 cells were subjected to SDS PAGE followed by western blot with 12434-1-AP(STAM antibody) at dilution of 1:300



IP Result of anti-STAM (IP:12434-1-AP, 4ug; Detection:12434-1-AP 1:300) with PC-3 cells lysate 1440ug.

Background

STAM, also named as STAM1, belongs to the STAM family. It is 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. STAM may also play a role in T-cell development. It is involved in down-regulation of receptor tyrosine kinase via multivesicular body (MVBs). Together with HRS, STAM forms ESCRT-0. STAM was originally identified as an adaptor protein involved in cytokine signaling.(PMID:20505072)

Applications

Tested applications:	**ELISA, WB, IF, IP**
Cited applications:	**IF, WB**
Species specificity:	**Human,Mouse,Rat; other species not tested.**
Cited species:	**Human**
Caculated STAM MW:	**59 kDa**
Observed STAM MW:	**70 kDa**
Positive WB detected in	**PC-3 cells, Jurkat cells, Y79 cells**
Positive IP detected in	**PC-3 cells**
Positive IF detected in	**HepG2 cells**
Recommended dilution:	**WB: 1:200-1:1000**
	IP: 1:200-1:1000
	IF: 1:10-1:100

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	**Ag3112**
GenBank accession number:	**BC030586**
Gene ID (NCBI):	**8027**
Full name:	**Signal transducing adaptor molecule (SH3 domain and ITAM motif) 1**

Product information

Purification method:	**Antigen affinity purification**
Storage:	**PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.**