Rabbit anti-Human, mouse BRDG 1 Polyclonal Antibody | anti-STAP1 antibody

BRDG 1 Antibody (N-term F56)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284076	**Rabbit**	**Human, mouse**	**Immunohistochemistry, ELISA, Western Blot**

PRODUCT SYNONYMS

BRDG 1; Polyclonal Antibody; BRDG 1 Antibody (N-term F56); Signal-transducing adaptor protein 1; STAP-1; BCR downstream-signaling protein 1; Docking protein BRDG1; Stem cell adaptor protein 1; STAP1; BRDG1; anti-STAP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This BRDG 1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 41-70 amino acids from the N-terminal region of human BRDG 1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Sequence Positions	41-70
Sequence Length	295
Applicable Applications for anti-STAP1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Function	In BCR signaling, appears to function as a docking protein acting downstream of TEC and participates in a positive feedback loop by increasing the activity of TEC.
Cellular Location	Nucleus. Cytoplasm. Mitochondrion
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8°C. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES

IHC (Immunohistochemisry)
Formalin-fixed and paraffin-embedded human prostate carcinoma tissue reacted with STAP1 antibody (N-term)(F56)(AAA284076), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

WB (Western Blot)
Western blot analysis of STAP1 (arrow) using rabbit polyclonal STAP1 Antibody (N-term) (F56)(AAA284076). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the STAP1 gene.

WB (Western Blot)
Western blot analysis of anti-STAP1 Antibody (N-term) (F56)(AAA284076) in mouse kidney tissue lysates (35ug/lane). STAP(arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-STAP1 antibody	STAP1 functions as a docking protein acting downstream of Tec tyrosine kinase in B cell antigen receptor signaling. The protein is directly phosphorylated by Tec in vitro where it participates in a postive feedback loop, increasing Tec activity.
Product Categories/Family for anti-STAP1 antibody	Immunology; Signal Transduction
References	Ma,J., Atherosclerosis 191 (1), 63-72 (2007) Beausoleil,S.A., Nat. Biotechnol. 24 (10), 1285-1292 (2006) Gstaiger,M., Science 302 (5648), 1208-1212 (2003) Minoguchi,M., J. Biol. Chem. 278 (13), 11182-11189 (2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	6912272
NCBI GeneID	26228
NCBI Accession #	NP_036240.1
NCBI GenBank Nucleotide #	NM_012108.2
UniProt Accession #	Q9ULZ2; B2R980
Molecular Weight	34291
NCBI Official Full Name	signal-transducing adaptor protein 1
NCBI Official Synonym Full Names	signal transducing adaptor family member 1
NCBI Official Symbol	STAP1
NCBI Official Synonym Symbols	BRDG1; STAP-1
NCBI Protein Information	signal-transducing adaptor protein 1
UniProt Protein Name	Signal-transducing adaptor protein 1
UniProt Gene Name	**STAP1**
UniProt Synonym Gene Names	BRDG1; STAP-1
UniProt Entry Name	STAP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/brdg-1-antibody-immunohistochemistry-western-blot-elisa/284076