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BRDG 1 Antibody (N-term F56)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP1475A

Specification

BRDG 1 Antibody (N-term F56) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	Q9ULZ2
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**34291**
Antigen Region	**41-70**

BRDG 1 Antibody (N-term F56) - Additional Information

Gene ID 26228

Other Names
Signal-transducing adaptor protein 1, STAP-1, BCR downstream-signaling protein 1, Docking protein BRDG1, Stem cell adaptor protein 1, STAP1, BRDG1

Target/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.

Dilution
WB~~1:1000
IHC-P~~1:10~50

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.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
BRDG 1 Antibody (N-term F56) is for research use only and not for use in diagnostic or therapeutic procedures.

BRDG 1 Antibody (N-term F56) - Protein Information

Name STAP1

Synonyms BRDG1

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.

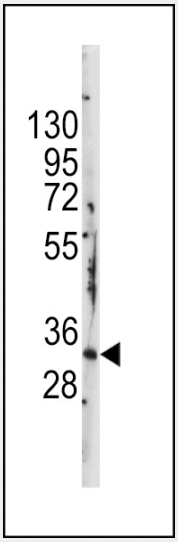
Cellular Location
Nucleus. Cytoplasm. Mitochondrion

BRDG 1 Antibody (N-term F56) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

BRDG 1 Antibody (N-term F56) - Images



Western blot analysis of anti-STAP1 Antibody (N-term) (F56) (Cat.#AP1475a) in mouse kidney tissue lysates (35ug/lane). STAP(arrow) was detected using the purified Pab.

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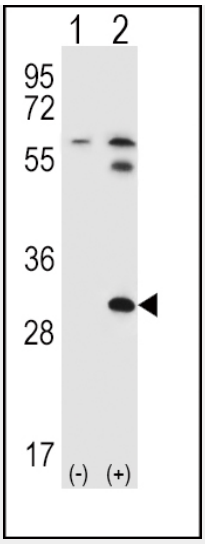
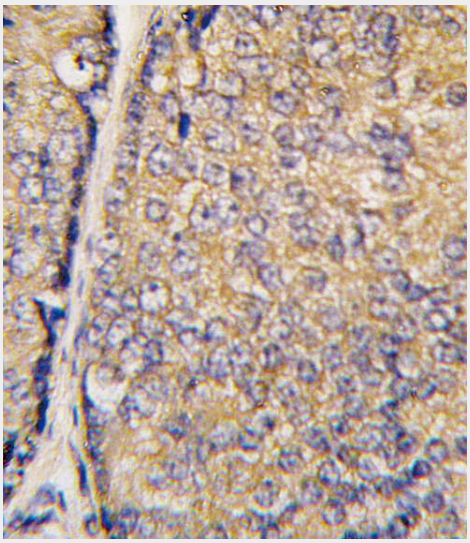


Western blot analysis of STAP1 (arrow) using rabbit polyclonal STAP1 Antibody (N-term) (F56) (Cat.#AP1475a). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the STAP1 gene.



Formalin-fixed and paraffin-embedded human prostate carcinoma tissue reacted with STAP1 antibody (N-term)(F56) (Cat.#AP1475a), 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.

BRDG 1 Antibody (N-term F56) - Background

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.

BRDG 1 Antibody (N-term F56) - References

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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)