

**BRDG 1 Antibody (N-term F56)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP1475A****Specification**

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

Application	WB, IHC-P,E
Primary Accession	<a href="#">Q9ULZ2</a>
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**

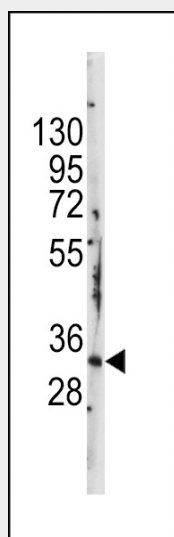
Nucleus. Cytoplasm. Mitochondrion

**BRDG 1 Antibody (N-term F56) - Protocols**

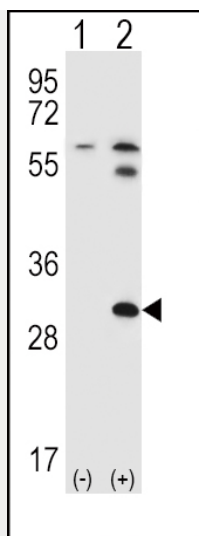
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

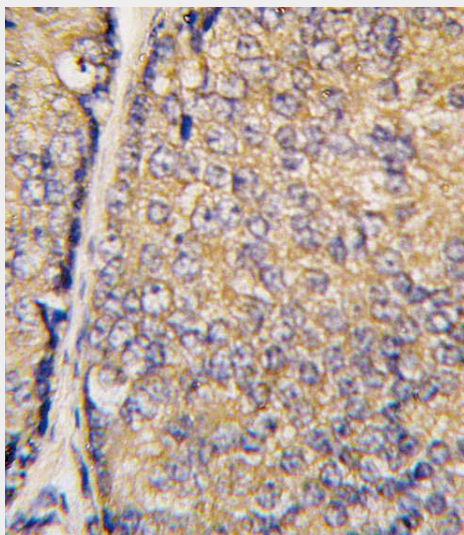
**BRDG 1 Antibody (N-term F56) - Images**



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.



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 positive feedback loop, increasing Tec activity.

#### **BRDG 1 Antibody (N-term F56) - 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)