

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

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP1475A

## **Specification**

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

Application IHC-P, WB,E Primary Accession O9ULZ2

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**

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

E~~Use at an assay dependent concentration.

#### 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





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## 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**

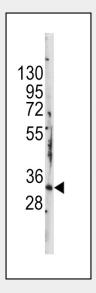
Nucleus. Cytoplasm. Mitochondrion

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

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

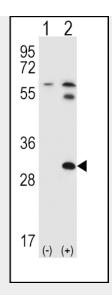
- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

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

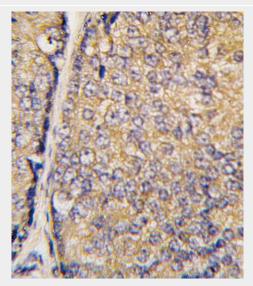


Western blot analysis of anti-STAP1 Antibody (N-term) (F56) (Cat.#AP1475a) in mouse kidney tissue lysates (35ug/lane). STAP(arrow) was detected using the purified Pab.





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**

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)