

BRDG 1 Antibody (N-term F31) Blocking peptide
Synthetic peptide
Catalog # BP1475b**Specification**

BRDG 1 Antibody (N-term F31) Blocking peptide - Product InformationPrimary Accession [Q9ULZ2](#)**BRDG 1 Antibody (N-term F31) Blocking peptide - 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

The synthetic peptide sequence used to generate the antibody [AP1475b](/product/products/AP1475b) was selected from the N-term region of human STAP1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

BRDG 1 Antibody (N-term F31) Blocking peptide - 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 F31) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

BRDG 1 Antibody (N-term F31) Blocking peptide - Images

BRDG 1 Antibody (N-term F31) Blocking peptide - 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 F31) Blocking peptide - 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)