10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

BANK1 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP8667c

Specification

BANK1 Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q8NDB2

BANK1 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 55024

Other Names
B-cell scaffold protein with ankyrin repeats, BANK1

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP8667c was selected from the Center region of human BANK1. 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.

BANK1 Antibody (Center) Blocking Peptide - Protein Information

Name BANK1

Function
Involved in B-cell receptor (BCR)-induced Ca(2+) mobilization from intracellular stores. Promotes Lyn-mediated phosphorylation of IP3 receptors 1 and 2.

Tissue Location
Expressed in B-cell but not T-cell or myeloid cell lines. Highest expression in CD19(+) B-cells, with very low expression in other cell populations.

BANK1 Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

BANK1 Antibody (Center) Blocking Peptide - Images

BANK1 Antibody (Center) Blocking Peptide - Background

BANK1 is a B-cell-specific scaffold protein and LYN (MIM 165120) tyrosine kinase substrate that promotes tyrosine phosphorylation of inositol 1,4,5-trisphosphate receptors.

BANK1 Antibody (Center) Blocking Peptide - References

Orozco,G., et.al., Arthritis Rheum. 60 (2), 372-379 (2009)Guo,L., et.al., Genes Immun. 10 (5), 531-538 (2009)