

## **BANK1 Antibody (Center)**

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP8667c

## **Specification**

# **BANK1 Antibody (Center) - Product Information**

FC, WB, E Application **Primary Accession** O8NDB2 Reactivity Human Host **Rabbit** Clonality **Polyclonal** Isotype Rabbit IgG Calculated MW 89282 Antigen Region 119-146

## **BANK1 Antibody (Center) - Additional Information**

#### **Gene ID 55024**

#### **Other Names**

B-cell scaffold protein with ankyrin repeats, BANK1

# **Target/Specificity**

This BANK1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 119-146 amino acids from the Central region of human BANK1.

#### **Dilution**

FC~~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 purified through a protein A column, followed by peptide affinity purification.

#### 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**

BANK1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

## **BANK1 Antibody (Center) - 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**

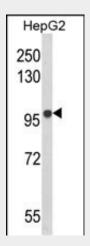
Expressed in B-cell but not T-cell or myeloid cell lines. Highest expression in CD19(+) B-cells, with very low expression in other cell populations.

## **BANK1 Antibody (Center) - Protocols**

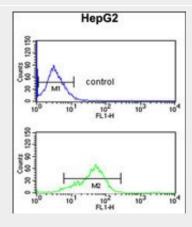
Provided below are standard protocols that you may find useful for product applications.

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

## BANK1 Antibody (Center) - Images



Western blot analysis of BANK1 Antibody (Center) (Cat. #AP8667c) in HepG2 cell line lysates (35ug/lane). BANK1 (arrow) was detected using the purified Pab.



BANK1 Antibody (Center) (Cat. #AP8667c) flow cytometric analysis of HepG2 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



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# **BANK1** Antibody (Center) - 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) - References**

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

**BANK1** Antibody (Center) - Citations

• Identification of a Novel Serological Marker in Seronegative Rheumatoid Arthritis Using the Peptide Library Approach