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BANK1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP8667c

Product Information

Application	WB, FC, E
Primary Accession	Q8NDB2
Reactivity	Human
Predicted	Rat, Bovine, Canine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB21573
Calculated MW	89282
Antigen Region	119-146

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	WB~~1:1000 FC~~1:10~50 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.

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.

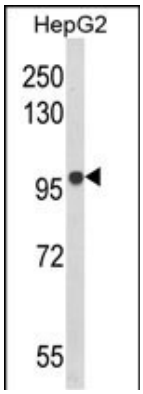
Background

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.

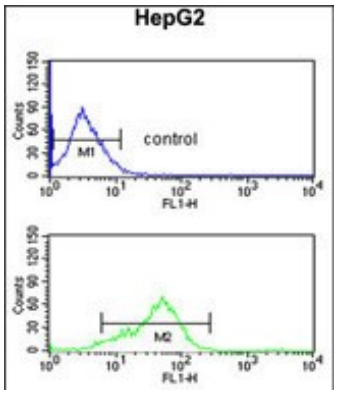
References

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

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.

Citations

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.