



Datasheet for ABIN499411
anti-BCAP29 antibody (Intermediate Domain)



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2 Images

Overview

Quantity:	0.1 mg
Target:	BCAP29
Binding Specificity:	Intermediate Domain
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BCAP29 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Human BAP29 (Intermediate Domain) Peptide
Isotype:	IgG
Specificity:	BAP29 antibody was raised against a 17 amino acid peptide from near the center of human Bap29 Bap29 antibody is specific for isoform a of Bap29 .
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	BCAP29
Alternative Name:	BCAP29 / BAP29 (BCAP29 Products)

Target Details

Background: Bap29 and the related protein Bap31 are endoplasmic reticulum (ER) and ER-vesicle membrane proteins and members of the B-cell receptor-associated protein family (1,2). These two proteins are highly homologous and can form homo- and heterodimers. Both Bap29 and Bap31 interact with membrane-bound immunoglobulins (mlgs), such as IgM and IgD, which with Ig-alpha/Ig-beta heterodimers form B cell antigen receptors (3). Binding of the Bap29/Bap31 heterodimer correlates with the ER retention of non-Ig-alpha/Ig-beta bound mlg complexes, suggesting that Bap29 and Bap31 may act as chaperones transmembrane regions of various proteins (3). Bap29 possesses multiple isoforms. Synonyms: B-cell receptor-associated protein 29, BCR-associated protein Bap29

Gene ID: 55973

NCBI Accession: [NP_001008405](#)

UniProt: [Q9UHQ4](#)

Application Details

Application Notes: ELISA. Western Blot: Bap29 antibody can be used for the detection of Bap29 at 0.5 - 1 µg/mL. Immunohistochemistry. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

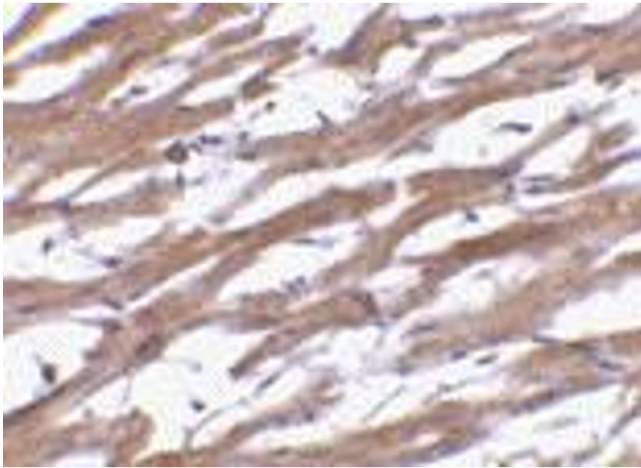
Buffer: PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

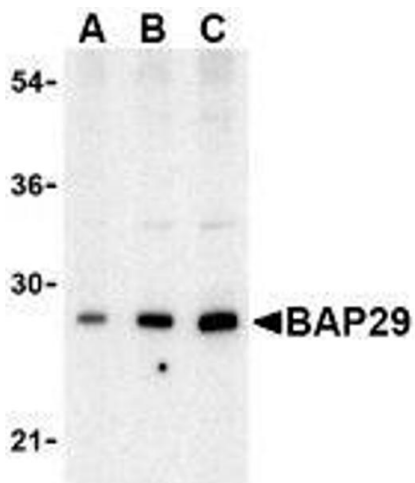
Storage: 4 °C

Storage Comment: Store the antibody undiluted at 2-8 °C.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of BAP29 in human heart tissue with BAP29 antibody at 10 µg/ml.



Western Blotting

Image 2. Western blot analysis of Bap29 in human heart tissue lysate with AP30120PU-N Bap29 antibody at (A) 0.5, (B) 1 and (C) 2 µg/ml.