

Rabbit BAP29 Polyclonal Antibody | anti-BCAP29 antibody

BAP29 Antibody

CATALOG # AAA39470	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

BAP29; Polyclonal Antibody; BAP29 Antibody; B-cell receptor-associated protein 29; BCR-associated protein 29; anti-BCAP29 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	BAP29 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	348
Applicable Applications for anti-BCAP29 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	BAP29 antibody was raised against a 17 amino acid synthetic peptide from near the center of human Bap29 Bap29 antibody is specific for isoform a of Bap29.
Buffer	BAP29 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	BAP29 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



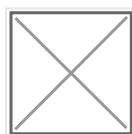
IF (Immunofluorescence)

Immunofluorescence of BAP29 in Human Heart cells with BAP29 antibody at 20 &#956;g/mL.



IHC (Immunohistochemistry)

Immunohistochemistry of BAP29 in human heart tissue with BAP29 antibody at 10 &#956;g/mL.



WB (Western Blot)

Western blot analysis of Bap29 in human heart tissue lysate with Bap29 antibody at (A) 0.5, (B) 1 and (C) 2&#956;g/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-BCAP29 antibody	BAP29 Antibody: 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. These two proteins are highly homologous and can form homo- and heterodimers. Both Bap29 and Bap31 interact with membrane-bound immunoglobulins (mIgs), such as IgM and IgD, which with Ig-alpha/Ig-beta heterodimers form B cell antigen receptors. Binding of the Bap29/Bap31 heterodimer correlates with the ER retention of non-Ig-alpha/Ig-beta bound mIg complexes, suggesting that Bap29 and Bap31 may act as chaperones transmembrane regions of various proteins. Bap29 possesses multiple isoforms.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	56549093
NCBI GeneID	55973
NCBI Accession #	NP_001008405
NCBI GenBank Nucleotide #	NM_001008405.2
UniProt Accession #	Q9UHQ4; O95003; G5E9L4
Molecular Weight	40,797 Da
NCBI Official Full Name	B-cell receptor-associated protein 29 isoform a
NCBI Official Synonym Full Names	B-cell receptor-associated protein 29
NCBI Official Symbol	BCAP29
NCBI Official Synonym Symbols	BAP29
NCBI Protein Information	B-cell receptor-associated protein 29; BCR-associated protein 29
UniProt Protein Name	B-cell receptor-associated protein 29
UniProt Gene Name	BCAP29
UniProt Synonym Gene Names	BAP29; BCR-associated protein 29; Bap29
UniProt Entry Name	BAP29_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.