

Rabbit BAP31 Polyclonal Antibody | anti-BAP31 antibody

BAP31 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323901	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

BAP31; Polyclonal Antibody; BAP31 Antibody; 6C6 AG; 6C6 AG tumor associated antigen; 6C6-AG tumor-associated antigen; 6C6AG; 6C6AG tumor associated antigen; Accessory protein BAP 31; Accessory protein BAP31; B cell receptor associated protein 31; B-cell receptor-associated protein 31; BA31; BAP 31; Bap31; BAP31_HUMAN; BCAP 31; BCAP31; BCR associated protein Bap 31; BCR associated protein Bap31; BCR-associated protein 31; CDM; CDM protein; DXS1357E; MS950; p28; p28 Bap31; Protein CDM; RP23-329M9.5; anti-BAP31 antibody

PRODUCT SPECIFICATIONS

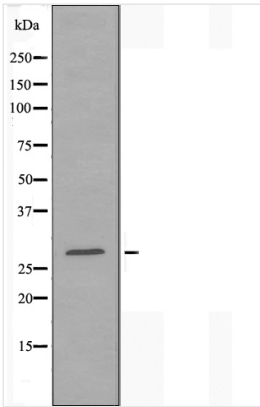
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	BAP31 antibody detects endogenous levels of total BAP31
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	246
Applicable Applications for anti-BAP31 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Endoplasmic Reticulum Membrane. Endoplasmic reticulum-golgi intermediate compartment membrane. May shuttle between the ER and the intermediate compartment/cis-golgi complex.
Tissue Specificity	Ubiquitous. Highly expressed in neurons and discrete endocrine cells.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Dog, Chicken
Similarity	Pig (90%), Bovine (90%), Horse (90%), Sheep (90%), Dog (90%), Chicken (80%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA323901 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from HeLa using BAP31 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-BAP31 antibody	Function: Functions as a chaperone protein. Is one of the most abundant endoplasmic reticulum (ER) proteins. Plays a role in the export of secreted proteins in the ER, the recognition of abnormally folded protein and their targeting to the ER associated-degradation (ERAD). Also serves as a cargo receptor for the export of transmembrane proteins. May be involved in CASP8-mediated apoptosis. Subunit Structure: Homodimer and heterodimer with BCAP29. Binds CASP8 (isoform 9) as a complex containing BCAP31, BCAP29, BCL2 and/or BCL2L1. Interacts with VAMP3, VAMP1 and membrane IgD immunoglobulins. May interact with ACTG1 and non-muscle myosin II. Interacts with HACD2 (PubMed:15024066). Post-translational Modifications: Cleaved by CASP8 and other caspases. Similarity: Belongs to the BCAP29/BCAP31 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	213511012
NCBI GeneID	10134
NCBI Accession #	NP_001132913.1
NCBI GenBank Nucleotide #	NM_001139441.1
UniProt Accession #	P51572; Q13836; Q96CF0; B3KQ79; D3DWV5
Molecular Weight	Observed: 28 kD Predicted: 28 kDa
NCBI Official Full Name	B-cell receptor-associated protein 31 isoform b
NCBI Official Synonym Full Names	B cell receptor associated protein 31
NCBI Official Symbol	BCAP31
NCBI Official Synonym Symbols	CDM; DDCH; BAP31; 6C6-AG; DXS1357E
NCBI Protein Information	B-cell receptor-associated protein 31
UniProt Protein Name	B-cell receptor-associated protein 31
UniProt Gene Name	BCAP31
UniProt Synonym Gene Names	BAP31; DXS1357E; BCR-associated protein 31; Bap31

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.

