

Product datasheet

info@arigobio.com

ARG55452 anti-BCAP31 / BAP31 antibody

Package: 100 μl Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes BCAP31 / BAP31

Tested Reactivity Hu

Tested Application IHC-P, WB

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name BCAP31 / BAP31

Species Human

Immunogen KLH-conjugated synthetic peptide corresponding to aa. 120-147 (Center) of Human BCAP31.

Conjugation Un-conjugated

Alternate Names BAP31; Bap31; 6C6-AG; DXS1357E; CDM; BCR-associated protein 31; 6C6-AG tumor-associated antigen;

p28; Protein CDM; B-cell receptor-associated protein 31; DDCH

Application Instructions

Application table	Application	Dilution
	IHC-P	1:25
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	MDA-MB-453	

Properties

Form Liquid

Purification Purification with Protein A and immunogen peptide.

Buffer PBS and 0.09% (W/V) Sodium azide

Preservative 0.09% (W/V) Sodium azide

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links GenelD: 10134 Human

Swiss-port # P51572 Human

Gene Symbol BCAP31

Gene Full Name B-cell receptor-associated protein 31

Background This gene encodes a member of the B-cell receptor associated protein 31 superfamily. The encoded

protein is a multi-pass transmembrane protein of the endoplasmic reticulum that is involved in the anterograde transport of membrane proteins from the endoplasmic reticulum to the Golgi and in caspase 8-mediated apoptosis. Microdeletions in this gene are associated with contiguous

ABCD1/DXS1375E deletion syndrome (CADDS), a neonatal disorder. Alternative splicing of this gene results in multiple transcript variants. Two related pseudogenes have been identified on chromosome

16. [provided by RefSeq, Jan 2012]

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. [UniProt]

Research Area Cell Biology and Cellular Response antibody; Cell Death antibody

Calculated Mw 28 kDa

PTM Cleaved by CASP8 and other caspases.

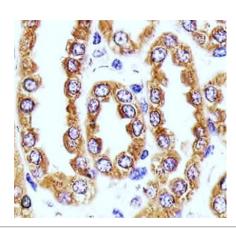
Cellular Localization Endoplasmic reticulum membrane; Multi-pass membrane protein. Endoplasmic reticulum-Golgi

intermediate compartment membrane; Multi-pass membrane protein. Note=May shuttle between the

ER and the intermediate compartment/cis-Golgi complex

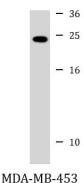
Images

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ARG55452 anti-BCAP31 / BAP31 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human kideny section stained with ARG55452 anti-BCAP31 / BAP31 antibody at 1:25 dilution.



ARG55452 anti-BCAP31 / BAP31 antibody WB image

Western blot: 35 μg of MDA-MB-453 cell lysate stained with ARG55452 anti-BCAP31 / BAP31 antibody.