

Datasheet for ABIN4906468

anti-BCAP31 antibody[Go to Product page](#)**2** Images

Overview

Quantity:	100 µL
Target:	BCAP31
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This BCAP31 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This BAP31 antibody is generated from a mouse immunized with a recombinant.
Clone:	2C6
Isotype:	IgG1
Cross-Reactivity:	Human
Purification:	Purified by Protein G.

Target Details

Target:	BCAP31
Alternative Name:	BAP31 (BCAP31 Products)
Background:	Synonyms: CDM, DDCH, BAP31, 6C6-AG, DXS1357E, B-cell receptor-associated protein 31, BCR-associated protein 31, 6C6-AG tumor-associated antigen, Protein CDM, p28, BCAP31

Target Details

Background: 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.

Gene ID: 10134

UniProt: [P51572](#)

Pathways: [Positive Regulation of Endopeptidase Activity](#)

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

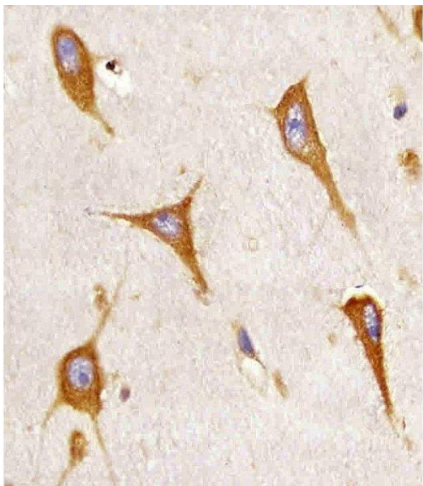
Preservative: ProClin

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

Storage: -20 °C

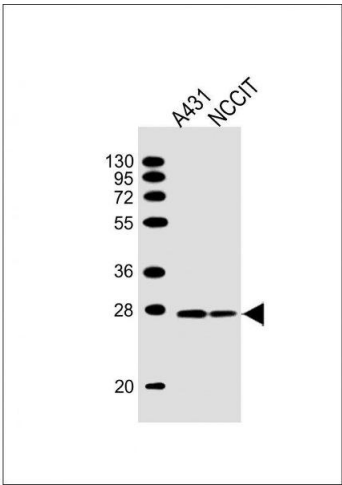
Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Paraformaldehyde-fixed, paraffin embedded human brain tissue, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 15 minutes, Blocking buffer (3% BSA) at room temperature for 30min, Antibody incubation with BAP31 (1502CT208.31.16) Monoclonal Antibody (bsm-51442M) at 1:25 for 1 hour at 37°C, followed by a conjugated secondary antibody for 20 minutes and DAB staining.



Western Blotting

Image 2. Lane 1: A431 Cell lysates, Lane 2: NCCIT Cell lysates, probed with BAP31 (1502CT208.31.16) Monoclonal Antibody, unconjugated (bsm-51442M) at 1:2000 overnight at 4°C followed by a conjugated secondary antibody for 60 minutes at 37°C.