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Datasheet for ABIN6990870  
**anti-BAIAP3 antibody (N-Term)**

## Overview

Quantity:	0.1 mg
Target:	BAIAP3
Binding Specificity:	AA 60-110, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BAIAP3 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	BAP3 antibody was raised against a 13 amino acid synthetic peptide from near the amino terminus of human BAP3. The immunogen is located within amino acids 60 - 110 of BAP3.
Isotype:	IgG
Specificity:	BAP3 is known to have two isoforms, this BAP3 antibody will recognize only isoform 2. Lower molecular weight bands may represent cleavage or degradation products.
Purification:	BAP3 Antibody is affinity chromatography purified via peptide column.

## Target Details

Target:	BAIAP3
Alternative Name:	BAP3 ( <a href="#">BAIAP3 Products</a> )

## Target Details

**Background:** BAP3 Antibody: BAP3 was initially identified through interaction in a yeast two-hybrid system with the brain-specific angiogenesis inhibitor 1, a p53-target gene that encodes a seven-span transmembrane protein member of the secretin receptor family. BAP3 is predominantly expressed in the brain and possess high homology with Munc13 and synaptotagmin, suggesting that BAP3 may play a role in regulating neurotransmitter release. Recent experiments have shown that BAP3 is induced in certain tumors such as desmoplastic small round cell tumor. Ectopic expression of BAP3 in tumor cells dramatically enhances growth in low serum conditions and colony formation in soft agar, suggesting that the regulated exocytotic pathway may play a role in cancer cell proliferation.

**Gene ID:** 8938

**NCBI Accession:** [NP\\_001273393](#)

**UniProt:** [O94812](#)

## Application Details

**Application Notes:** BAP3 antibody can be used for the detection of BAP3 by Western blot at 1 and 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL.

Antibody validated: Western Blot in human samples and Immunohistochemistry in human samples. All other applications and species not yet tested.

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Concentration:** 1 mg/mL

**Buffer:** BAP3 Antibody is supplied in 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:** -20 °C, 4 °C

**Storage Comment:** BAP3 antibody can be stored at 4°C for three months and -20°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.