

## BAP3 Antibody

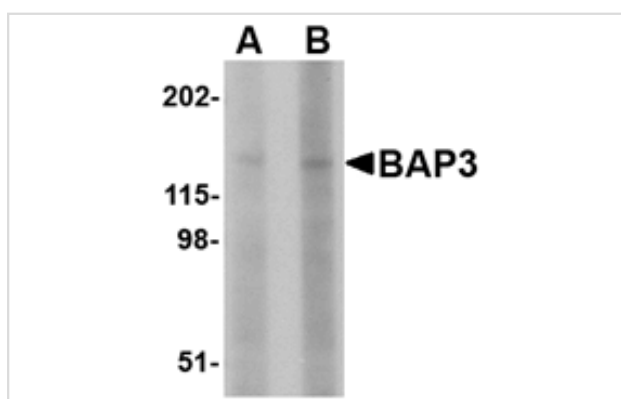
Catalog No: #24648

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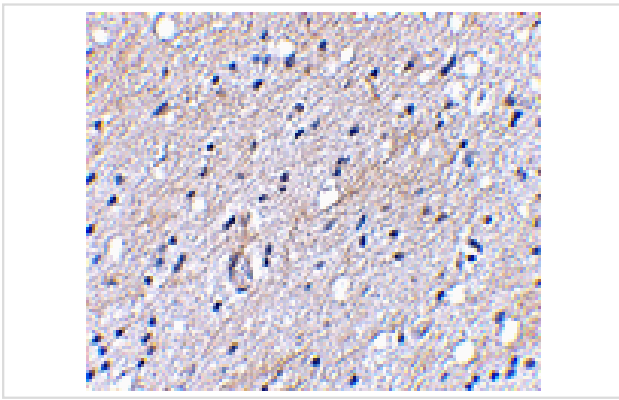
## Description

|                       |   |
|-----------------------|---|
| Product Name          | BAP3 Antibody   |
| Host Species          | Rabbit  |
| Clonality             | Polyclonal  |
| Purification          | Affinity chromatography purified via peptide column   |
| Applications          | ELISA WB IHC  |
| Species Reactivity    | Hu  |
| 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.                              |
| Immunogen Type        | Peptide   |
| Immunogen Description | Raised against a 13 amino acid peptide from near the amino terminus of human BAP3.  |
| Target Name           | BAP3  |
| Other Names           | BAI1-associated protein 3, BAIAP3   |
| Accession No.         | Swiss-Prot:O94812Gene ID:8938   |
| Uniprot               | O94812  |
| GeneID                | 8938;   |
| Concentration         | 1mg/ml  |
| Formulation           | Supplied in PBS containing 0.02% sodium azide.  |
| Storage               | Can be stored at -20°C, stable for 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



Western blot analysis of BAP3 in SK-N-SH cell lysate with BAP3 antibody at (A) 1 and (B) 2 ug/mL.



Immunohistochemical staining of human brain tissue using BAP3 antibody at 5 ug/mL.

## Background

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.

Note: This product is for in vitro research use only