

BAP3 Antibody

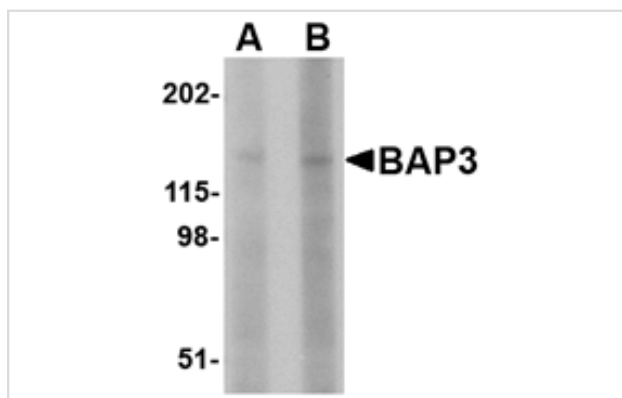
Catalog No: #24648

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

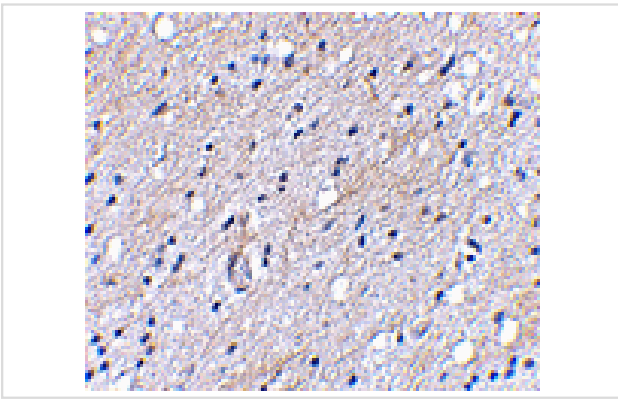
Description

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