

Product datasheet for **TA306542**

BAIAP3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, ICC: 5 ug/mL
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	BAP3 antibody was raised against a 13 amino acid peptide from near the amino terminus of human BAP3.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	BAI1 associated protein 3
Database Link:	NP_001273393 Entrez Gene 8938 Human O94812



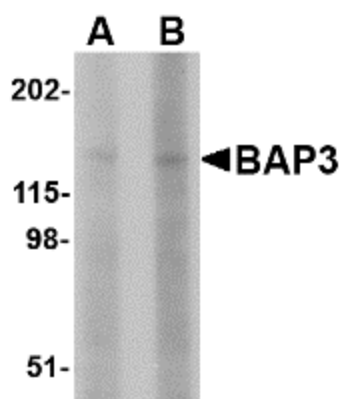
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Background:

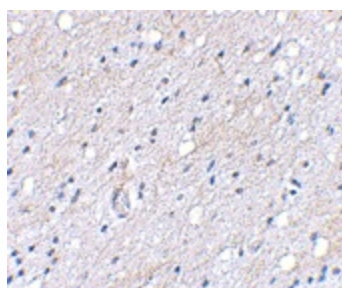
BAP3 was initially identified through interaction in a yeast two-hybrid system with the brain-specific angiogenesis inhibitor 1, a p53-target gene that encodes a seven-span transmembrane protein member of the secretin receptor family. BAP3 is predominantly expressed in the brain and possess high homology 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. 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.

Synonyms:

BAP3

Product 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.