



BAIP3 rabbit pAb

Catalog No	YP-Ab-09095
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	BAIAP3 KIAA0734
Immunogen	Synthesized peptide derived from human BAIP3 AA range: 248-298
Specificity	This antibody detects endogenous levels of BAIP3 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	BAIP3;BAIAP3 KIAA0734
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Cytoplasm, cytosol . Recycling endosome membrane ; Peripheral membrane protein . Late endosome membrane ; Peripheral membrane protein . Golgi apparatus, trans-Golgi network membrane ; Peripheral membrane protein . Cell membrane ; Peripheral membrane protein . Rapidly recruited to the plasma membrane and to Golgi structures in response to increased intracellular calcium concentration. .
Tissue Specificity	Predominantly expressed in brain (PubMed:9790924). Also expressed in nonneural tissues such as breast and testes epithelium (PubMed:12498718).
Function	similarity:Contains 1 MHD1 (MUNC13 homology domain 1) domain., similarity:Contains 1 MHD2 (MUNC13 homology domain 2) domain., similarity:Contains 2 C2 domains.,subunit:Interacts with BAI1.,tissue specificity:Predominantly expressed in brain.,



Background

This p53-target gene encodes a brain-specific angiogenesis inhibitor. The protein is a seven-span transmembrane protein and a member of the secretin receptor family. It interacts with the cytoplasmic region of brain-specific angiogenesis inhibitor 1. This protein also contains two C2 domains, which are often found in proteins involved in signal transduction or membrane trafficking. Its expression pattern and similarity to other proteins suggest that it may be involved in synaptic functions. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2010],

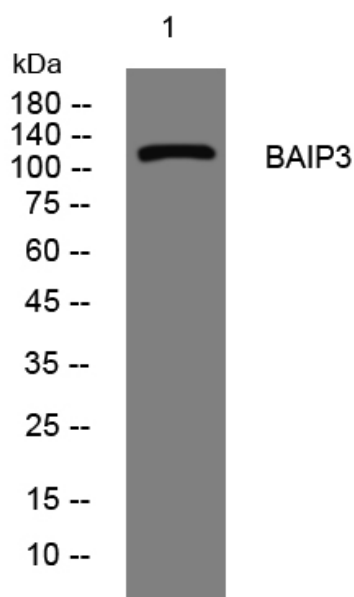
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from HEK293 cells, primary antibody was diluted at 1:1000, 4° over night