



Rabbit Anti-BAIAP2L2 antibody

SL13684R

Product Name:	BAIAP2L2
Chinese Name:	BAIAP2L2蛋白抗体
Alias:	BAI1-associated protein 2-like 2; BAI1-associated protein 2-like protein 2; baiap2l2; BAIAP2L2 BAI1-associated protein 2-like 2; BC048937; BI2L2_HUMAN; Brain-specific angiogenesis inhibitor 1-associated protein 2-like protein 2; FLJ22582; Pinkbar; Planar intestinal- and kidney-specific BAR domain protein; RP5-1039K5.3.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	59kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human BAIAP2L2:51-150/529
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	The Src homology 3 (SH3) domain is a highly conserved 60 amino acid protein domain that is organized into a beta-barrel fold consisting of five or six beta strands arranged as two tightly packed anti-parallel beta sheets. This domain is found in proteins that mediate assembly of specific protein complexes and interact with other proteins,

specifically recognizing proline-rich regions. BAIAP2L2 (Brain-specific angiogenesis inhibitor 1-associated protein 2-like protein 2) is a 529 amino acid protein containing an SH3 domain, suggesting that it may function as an adaptor protein. BAIAP2L2 also contains an IMD (IRSp53/MIM) domain, which enables the protein to bind to and bundle Actin filaments, as well as bind to membranes and interact with Rac GTPase. There are two named isoforms of BAIAP2L2 which are produced as a result of alternative splicing events.

Function:

May function as an adapter protein.

Subcellular Location:

Cell membrane; Peripheral membrane protein. Cell junction. Cytoplasmic vesicle membrane. Note=Localizes to RAB13-positive vesicles and to the plasma membrane at intercellular contacts.

Tissue Specificity:

Expressed in the epithelial layer of the intestine (at protein level).

Similarity:

Contains 1 IMD (IRSp53/MIM homology) domain.
Contains 1 SH3 domain.

SWISS:

Q6UXY1

Gene ID:

80115

Database links:

[Entrez Gene: 80115](#) Human

[SwissProt: Q6UXY1](#) Human

[Unigene: 474822](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.