

BAIAP2L1 Rabbit Polyclonal Antibody



CAB15173

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

Calculated MW:

56kDa

Applications:

IF

Reactivity:

Human

Antibody Information

Recommended dilutions:

IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

This gene encodes a member of the IMD (IRSp53/MIM homology domain) family. Members of this family can be subdivided in two groups, the IRSp53-like and MIM-like, based on the presence or absence of the SH3 (Src homology 3) domain. The protein encoded by this gene contains a conserved IMD, also known as F-actin bundling domain, at the N-terminus, and a canonical SH3 domain near the C-terminus, so it belongs to the IRSp53-like group. This protein is the substrate for insulin receptor tyrosine kinase and binds to the small GTPase Rac. It is involved in signal transduction pathways that link deformation of the plasma membrane and remodeling of the actin cytoskeleton. It also promotes actin assembly and membrane protrusions when overexpressed in mammalian cells, and is essential to the formation of a potent actin assembly complex during EHEC (Enterohemorrhagic Escherichia coli) pedestal formation.

Immunogen information

Gene ID:

55971

Uniprot

Q9UHR4

Synonyms:

BAIAP2L1; IRTKS

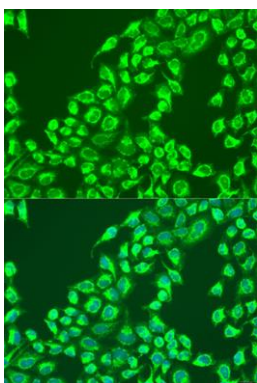
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human BAIAP2L1 (NP_061330.2).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Immunofluorescence analysis of U2OS cells using BAIAP2L1 antibody (CAB15173) at dilution of 1:100. Blue: DAPI for nuclear staining.