

BAIAP2L1 Polyclonal Antibody

Catalog Number:E-AB-52462

Note: Centrifuge before opening to ensure complete recovery of vial contents.

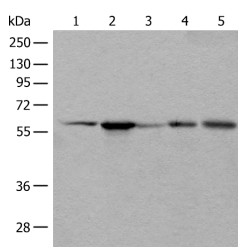
Description

Reactivity	Human, Mouse, Rat
Immunogen	Fusion protein of human BAIAP2L1
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4

Applications Recommended Dilution

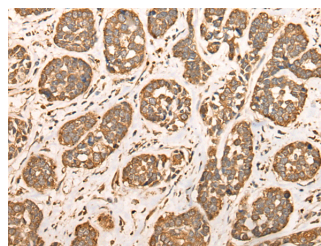
WB	1:500-1:2000
IHC	1:25-1:100
ELISA	1:5000-1:10000

Data

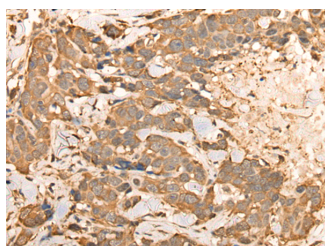


Western blot analysis of HEPG2, HeLa, A172, A549, and A431 cell lysates using BAIAP2L1 Polyclonal Antibody at dilution of 1:800.

Observed Mw: Refer to figures
Calculated Mw: 57 kDa



Immunohistochemistry of paraffin-embedded human esophagus cancer tissue using BAIAP2L1 Polyclonal Antibody at dilution of 1:30 (×200).



Immunohistochemistry of paraffin-embedded human thyroid cancer tissue using BAIAP2L1 Polyclonal Antibody at dilution of 1:30 (×200).

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

For Research Use Only

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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.

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