

Product datasheet for **TA369818S**

BAIAP2L1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1000-5000 WB positive control: Hela cell lysate IHC: 30-150 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human BAIAP2L1
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	57 kDa
Gene Name:	BAI1 associated protein 2 like 1
Database Link:	Entrez Gene 55971 Human Q9UHR4



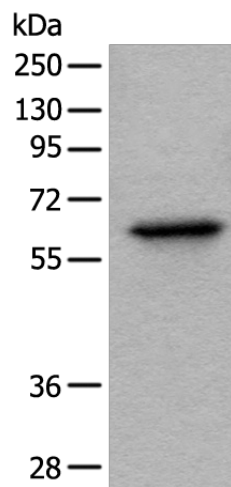
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Background:

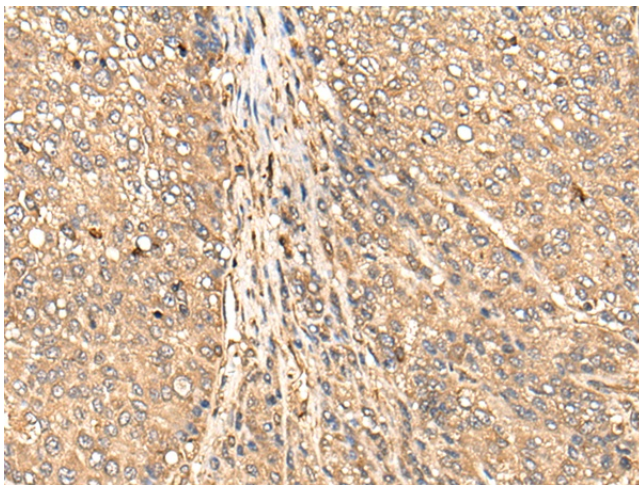
This gene encodes a member of the IMD (IRSp53/MIM homology domain) family. Members of this family can be subdivided in two groups, the IRSp53-like and MIM-like, based on the presence or absence of the SH3 (Src homology 3) domain. The protein encoded by this gene contains a conserved IMD, also known as 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.

Synonyms:

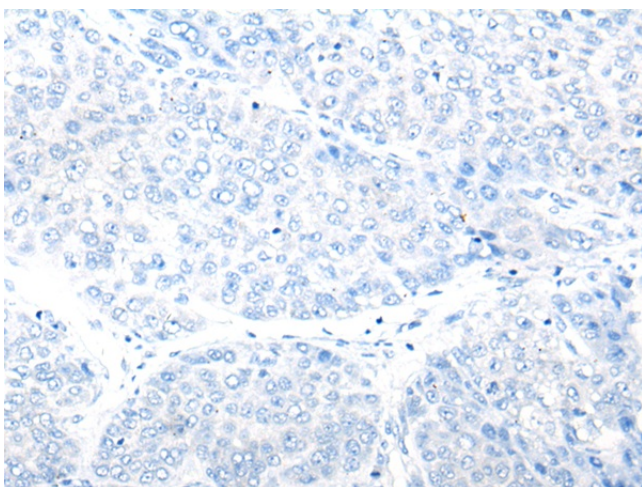
FLJ42275; IRTKS

Product images:

Gel: 8%SDS-PAGE
Lysate: 40 µg
Lane: HeLa cell lysate
Primary antibody: [TA369818] (BAIAP2L1 Antibody) at dilution 1/1000
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 1 second



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA369818] (BAIAP2L1 Antibody) at dilution 1/45 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA369818] (BAIAP2L1 Antibody) at dilution 1/45, treated with fusion protein. (Original magnification: $\times 200$)