

## Product datasheet for **TA365506**

### **BAIAP2L1 Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: HEPG2, HeLa, A172, A549 and A431 cell lysates IHC: 25-100 Positive control: Human esophagus 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 <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
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:	<a href="#">Entrez Gene 55971 Human Q9UHR4</a>



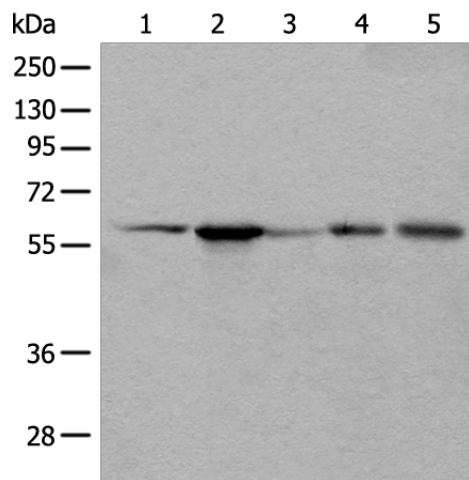
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**Background:**

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 1-5: HEPG2

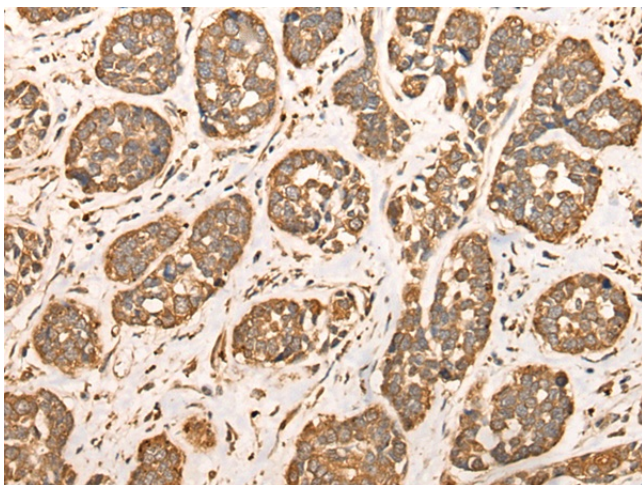
Hela

A172

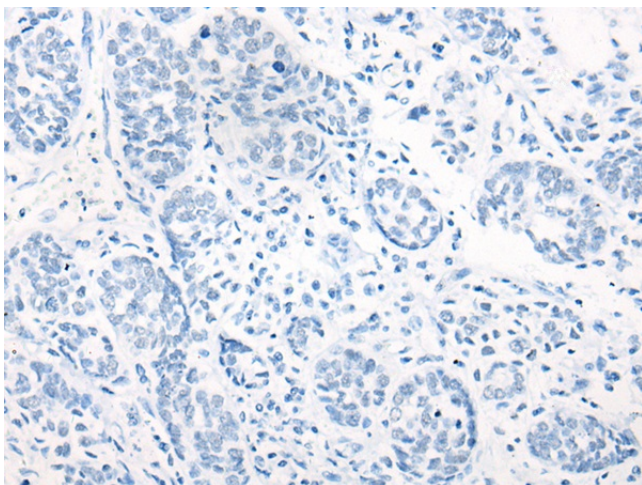
A549 and A431 cell lysates

Primary antibody: TA365506 (BAIAP2L1 Antibody)  
at dilution 1/800Secondary antibody: Goat anti rabbit IgG at  
1/8000 dilution

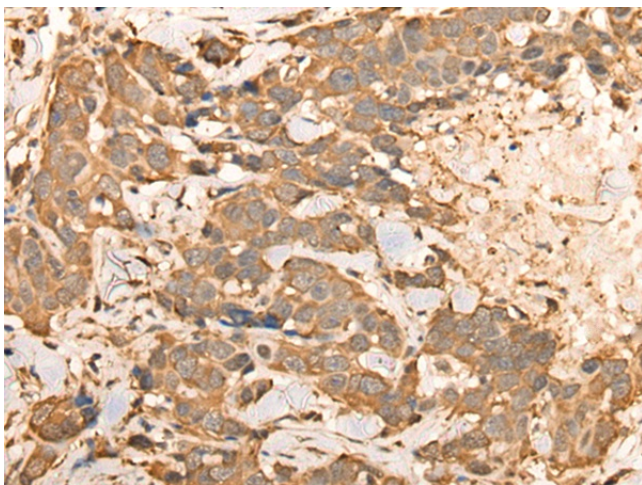
Exposure time: 1 second



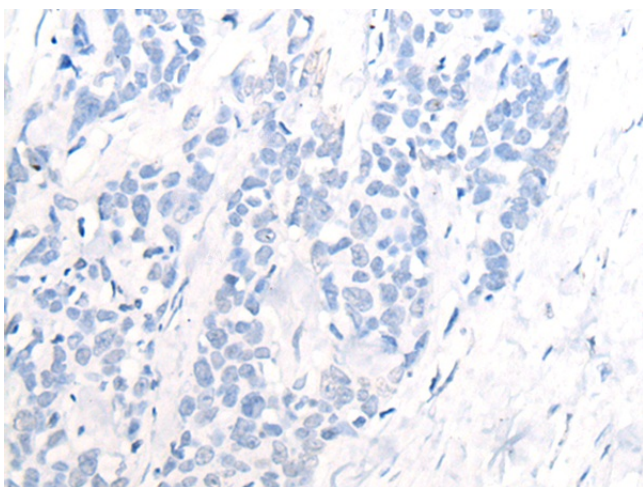
Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA365506 (BAIAP2L1 Antibody) at dilution 1/30 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA365506 (BAIAP2L1 Antibody) at dilution 1/30, treated with fusion protein. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA365506 (BAIAP2L1 Antibody) at dilution 1/30 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA365506 (BAIAP2L1 Antibody) at dilution 1/30, treated with fusion protein. (Original magnification: ×200)