

## BAIAP2L1 Antibody

Catalog No: #46330

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

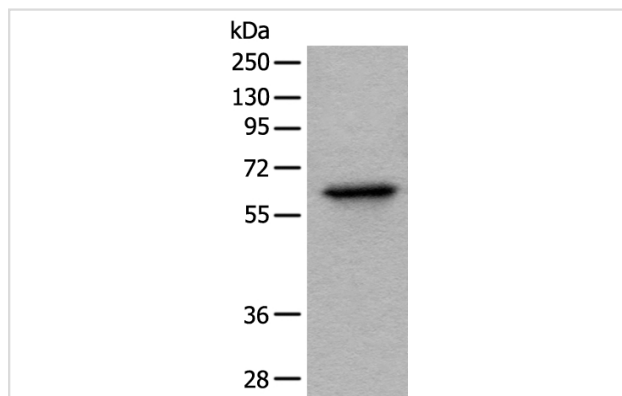
Product Name	BAIAP2L1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total BAIAP2L1 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic protein corresponding to residues near the C terminal of human BAIAP2L1
Target Name	BAIAP2L1
Other Names	IRTKS
Accession No.	Swiss-Prot:Q9UHR4NCBI Gene ID:55971NCBI Protein:BC013888
Uniprot	Q9UHR4
GeneID	55971;
Calculated MW	57 kDa
Concentration	1.1mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:1000-1:5000

Immunohistochemistry: 1: 30-150

## Images

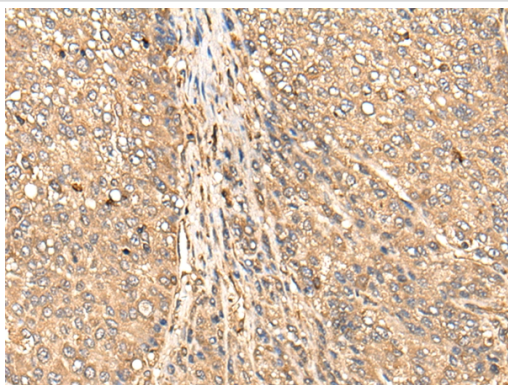


Gel: 8%SDS-PAGE

lysate: 40 B $\mu$ g, Lane: HeLa cell lysate,Primary antibody: 46330B $\times$ B $\times$ BAIAP2L1 Antibody) at dilution 1/1000

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution,

Exposure time: 1 second



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 46330(BAIAP2L1 Antibody) at dilution 1/45, on the right is treated with fusion protein. (Original magnification: x200)

## 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.

Note: This product is for in vitro research use only