

For Research Use Only

# BAIAP2L1 Polyclonal antibody

Catalog Number: 25692-1-AP



## Basic Information

<b>Catalog Number:</b> 25692-1-AP	<b>GenBank Accession Number:</b> BC013888	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 450 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 55971	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> BAI1-associated protein 2-like 1	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 511 aa, 57 kDa	
<b>Immunogen Catalog Number:</b> AG22499	<b>Observed MW:</b> 57 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, SGC-7901 cells, K-562 cells
<b>Species Specificity:</b> human	<b>IHC :</b> human ovary tumor tissue, human stomach cancer tissue
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

BAIAP2L1, also known as IRTKS, is a 511-amino acid protein containing an IRSp53/MIM homology domain (IMD) that bundles actin filaments and interacts with the small GTPase Rac (PMID: 17430976; 14752106). In addition to the IMD domain, BAIAP2L1 also contains an SH3 domain and WW domain interaction motif. BAIAP2L1 is widely distributed and is an INS receptor substrate. It has a role in actin remodeling and membrane protrusion.

## Storage

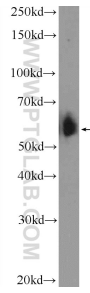
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

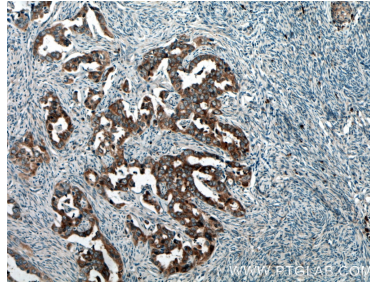
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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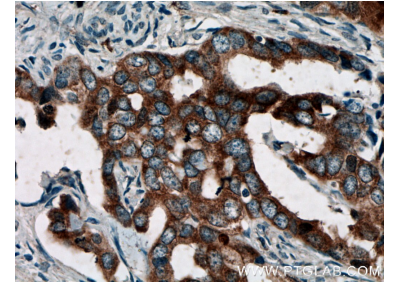
## Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 25692-1-AP (BAIAP2L1 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 25692-1-AP (BAIAP2L1 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 25692-1-AP (BAIAP2L1 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).