

For Research Use Only

# BAIAP2L1 Polyclonal antibody

Catalog Number: 25692-1-AP

1 Publications



## Basic Information

Catalog Number:

25692-1-AP

Size:

150ul, Concentration: 450 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG22499

GenBank Accession Number:

BC013888

GeneID (NCBI):

55971

UNIPROT ID:

Q9UHR4

Full Name:

BAI1-associated protein 2-like 1

Calculated MW:

511 aa, 57 kDa

Observed MW:

57 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

## Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

Positive Controls:

WB : HeLa cells, SGC-7901 cells, K-562 cells

IHC : human ovary tumor tissue, human stomach cancer tissue

## 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.

## Notable Publications

| Author    | Pubmed ID | Journal   | Application |
|-----------|-----------|-----------|-------------|
| Yan Zhang | 38869721  | Med Oncol | WB          |

## 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

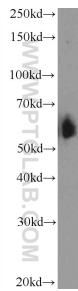
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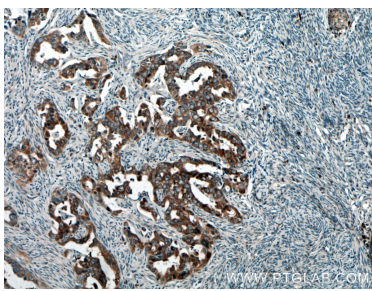
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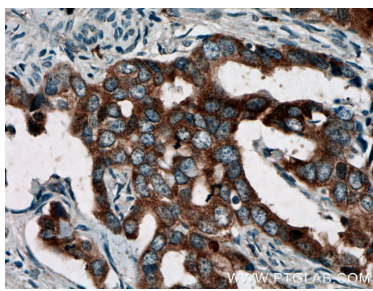
Selected Validation Data



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).