

For Research Use Only

IL-1RAP Polyclonal antibody

Catalog Number: 30966-1-AP



Basic Information

Catalog Number:

30966-1-AP

Size:

150ul, Concentration: 450 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34121

GenBank Accession Number:

NM_001167928.1

GeneID (NCBI):

3556

UNIPROT ID:

Q9NPH3

Full Name:

interleukin 1 receptor accessory protein

Calculated MW:

65 kDa

Observed MW:

70 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:500-1:3000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse

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, human placenta tissue, mouse liver tissue

IHC: human placenta tissue, human intrahepatic cholangiocarcinoma tissue, human ovary cancer tissue, mouse liver tissue

Background Information

IL-1RAP (Interleukin-1 receptor accessory protein), also known as IL-1RACp, IL-1R-3, or IL-1R3, is a member of the interleukin-1 receptor family. IL-1RAP is composed of an extracellular region containing three Ig-like C2 type domains, a transmembrane region, and a cytoplasmic region with a TIR (Toll-IL-1-receptor) domain. IL-1RAP functions as a co-receptor for IL-1, IL-33, IL-36. It plays an essential role in the signaling of the IL-1 family cytokines such as IL-1, IL-33, and IL-36, as well as tyrosine kinases FLT3 and c-Kit. IL-1RAP can also exist in a soluble form.

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

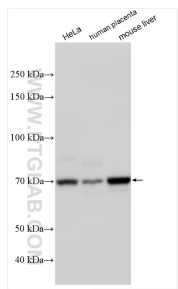
For technical support and original validation data for this product please contact:

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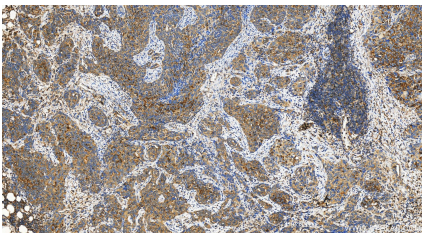
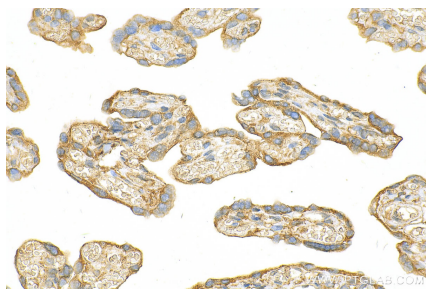
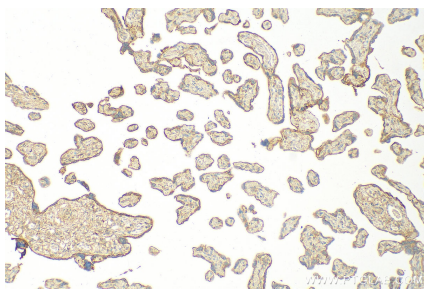
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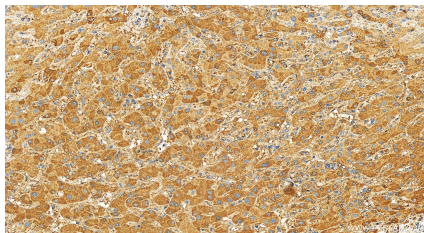
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30966-1-AP (IL-1RAP antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 30966-1-AP (IL-1RAP antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 30966-1-AP (IL-1RAP antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).