For Research Use Only

AP3S2 Polyclonal antibody

Catalog Number:15319-1-AP

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Basic Information

Catalog Number:
15319-1-AP

Size:
500 μg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG7565

GenBank Accession Number:
BC002785

GeneID (NCBI):
10239

UNIPROT ID:
P59780

Full Name:
adaptor-related protein complex 3, sigma 2 subunit

Calculated MW:
22 kDa

Observed MW:
22 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:1000-1:6000
IHC 1:50-1:500

Applications

Tested Applications:
IHC, WB, ELISA

Species Specificity:
human, mouse, rat

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 : mouse liver tissue, human testis tissue, mouse ovary tissue, mouse testis tissue, rat liver tissue

IHC : human colon cancer tissue, human ovary tumor tissue

Background Information

AP3S2 is a 22-kDa protein that belongs to the adaptor complexes small subunit family. AP3S2 is a subunit of the AP-3 complex which is associated with the Golgi region as well as more peripheral structures. Adaptor protein (AP) complexes are cytosolic heterotetramers that mediate the sorting of membrane proteins in the secretory and endocytic pathways. AP-3 complex is composed of two large adaptins (AP3D1 and AP3B1 or AP3B2), a medium adaptin (AP3M1 or AP3M2) and a small adaptin (APS1 or AP3S2).

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

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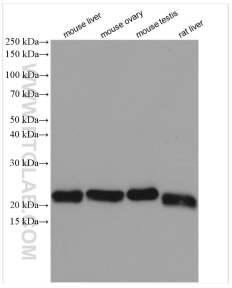
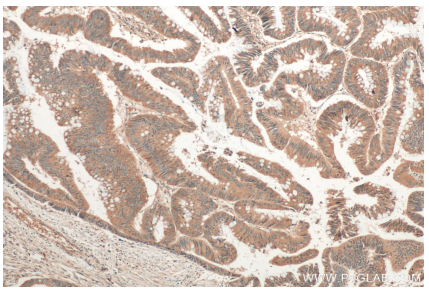
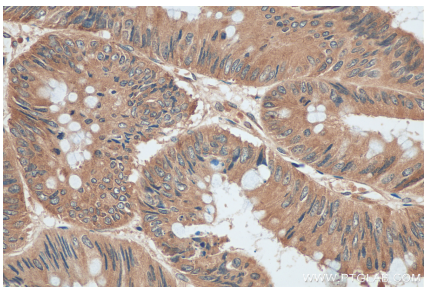
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 15319-1-AP (AP3S2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 15319-1-AP (AP3S2 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 colon cancer tissue slide using 15319-1-AP (AP3S2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).