

For Research Use Only

KLHL34 Polyclonal antibody

Catalog Number: 21981-1-AP



Basic Information

Catalog Number: 21981-1-AP	GenBank Accession Number: BC109031	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop and 440 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 257240	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	Full Name: kelch-like 34 (Drosophila)	
Isotype: IgG	Calculated MW: 644 aa, 71 kDa	
Immunogen Catalog Number: AG16001	Observed MW: 71 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : mouse testis tissue, rat testis tissue IHC : human small intestine tissue,
Species Specificity: mouse, rat, human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

KLHL34 is a member of the Kelch-like (KLHL) gene family, which encodes a group of proteins that generally possess a BTB/POZ domain, a BACK domain and 5-6 Kelch motifs. KLHL genes are responsible for several Mendelian diseases and have been associated with cancer. The molecular mass of KLHL34 is 71 kDa.

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

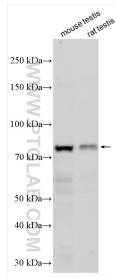
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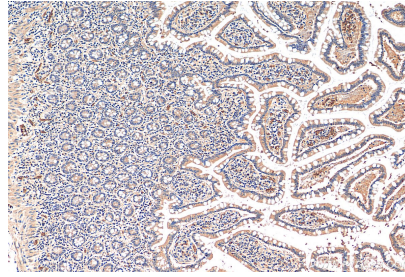
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 21981-1-AP (KLHL34 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 21981-1-AP (KLHL34 antibody) at dilution of 1:200 (under 10x lens).