

For Research Use Only

RCCD1 Polyclonal antibody

Catalog Number: 24446-1-AP



Basic Information

Catalog Number: 24446-1-AP	GenBank Accession Number: BC140708	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 450 ug/ml by Nanodrop;	GeneID (NCBI): 91433	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: A6NED2	
Isotype: IgG	Full Name: RCC1 domain containing 1	
Immunogen Catalog Number: AG19685	Calculated MW: 376 aa, 40 kDa	
	Observed MW: 40 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human	WB : A549 cells, HeLa cells, Jurkat cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human intrahepatic cholangiocarcinoma tissue, human stomach tissue

Background Information

RCCD1 is a new member of the large, phylogenetically conserved, RCC1 superfamily. Many RCC1 superfamily proteins have been linked to several human diseases, including cancer. RCCD1 was reported as a partner of histone H3K36 demethylase KDM8 involved in chromosome segregation, and has been identified as a potential driver for breast cancer. RCCD1 plays a role in regulating alpha-tubulin deacetylation and cytoskeletal microtubule stability, thereby promoting cell migration and TGF-beta-induced epithelial-to-mesenchymal transition (EMT), potentially through the inhibition of KDM8.

Storage

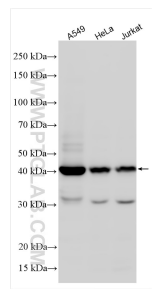
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

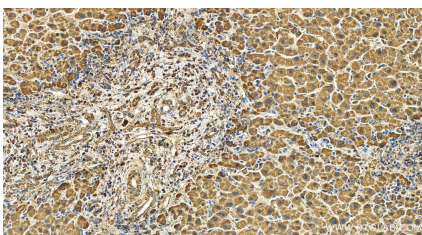
For technical support and original validation data for this product please contact:
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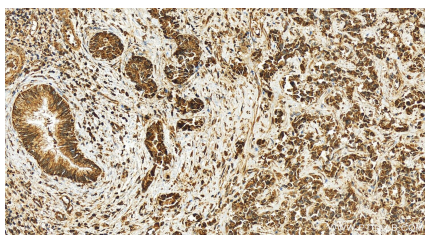
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 24446-1-AP (RCCD1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 24446-1-AP (RCCD1 antibody) at dilution of 1:50 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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