

For Research Use Only

CCDC76 Polyclonal antibody

Catalog Number: 31484-1-AP



Basic Information

Catalog Number: 31484-1-AP	GenBank Accession Number: BC075811	Purification Method: Antigen affinity Purification
Size: 750 ug/ml	GeneID (NCBI): 54482	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q9NUP7	IHC 1:50-1:500
Isotype: IgG	Full Name: coiled-coil domain containing 76	IF/ICC 1:200-1:800
Immunogen Catalog Number: AG34110	Observed MW: 54 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse	WB : HEK-293 cells, K-562 cells, LNCaP 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 placenta tissue, mouse testis tissue
	IF/ICC : HeLa cells,

Background Information

CCDC76 (coiled - coil domain - containing protein 76), also known as the human tRNA Nm4 methyltransferase (hTrmt13) is an uncharacterized human protein containing 481 amino acid residues that shares 27% sequence similarity with yeast Trm13p. The expression of CCDC76 was significantly associated with patient survival in breast carcinoma and liver and renal cancer patients (PMID: 34850409).

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:

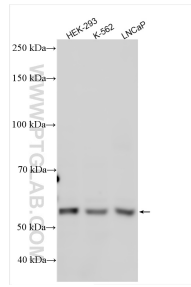
T: 4006900926

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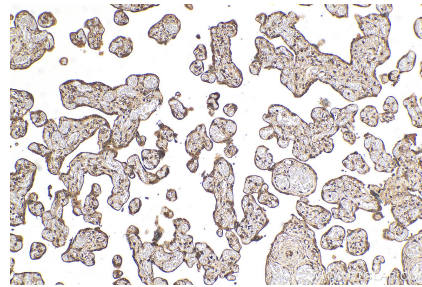
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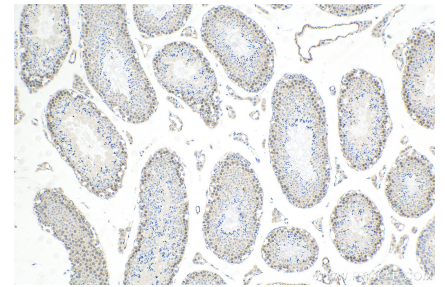
Selected Validation Data



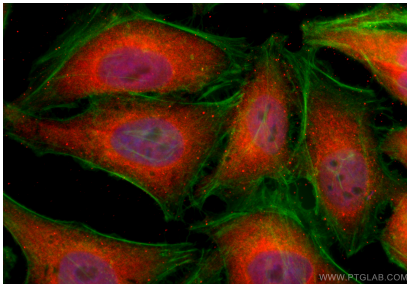
Various lysates were subjected to SDS PAGE followed by western blot with 31484-1-AP (CCDC76 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 31484-1-AP (CCDC76 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 mouse testis tissue slide using 31484-1-AP (CCDC76 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CCDC76 antibody (31484-1-AP) at dilution of 1:400 and Coralite® 594-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-4), CL488-Phalloidin (green).