

For Research Use Only

MXRA5 Polyclonal antibody

Catalog Number: 25472-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number: 25472-1-AP	GenBank Accession Number: NM_015419	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop;	GeneID (NCBI): 25878	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9NR99	
Isotype: IgG	Full Name: matrix-remodelling associated 5	
	Calculated MW: 312 kDa	
	Observed MW: 163 kDa, 312 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : HEK-293 cells, IHC : human colon cancer tissue, human kidney tissue, human liver tissue, mouse liver tissue
Cited Applications: WB,IHC	
Species Specificity: human, mouse	
Cited Species: 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

MXRA5, or adlcan, is an adhesion proteoglycan involved in extracellular matrix (ECM) remodeling and cell-cell adhesion (PMID: 22696596). In kidney, MXRA5 has anti-inflammatory and anti-fibrotic properties by limiting the induction of chemokines, fibronectin and collagen expression in response to TGB1 and pro-inflammatory stimuli (PMID: 27599751). MXRA5 was identified as a novel biomarker in colorectal cancer, mainly located in the cytoplasm of CRC cells (PMID:23420087). Exome sequencing identified MXRA5 as a novel cancer gene mutated in non-small cell lung carcinoma (PMID: 22696596). MXRA5 was detected 163 kDa in human proximal tubular cells (PMID:27599751).

Notable Publications

Author	Pubmed ID	Journal	Application
Huifang Deng	38455411	Am J Cancer Res	IHC
Kazuma Yoshida	37730838	Sci Rep	IHC,WB

Storage

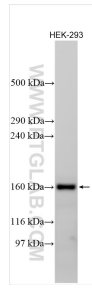
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

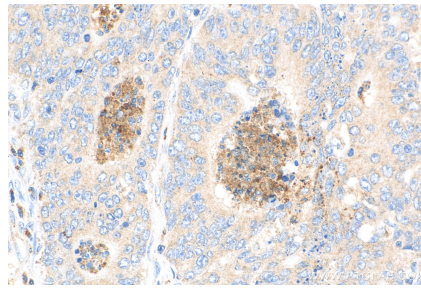
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 25472-1-AP (MXRA5 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 25472-1-AP (MXRA5 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).