

For Research Use Only

MXRA5 Polyclonal antibody

Catalog Number: 25472-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number:

25472-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_015419

GeneID (NCBI):

25878

UNIPROT ID:

Q9NR99

Full Name:

matrix-remodelling associated 5

Calculated MW:

312 kDa

Observed MW:

163 kDa, 312 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

Applications

Tested Applications:

IHC, WB, ELISA

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

Positive Controls:

WB : HEK-293 cells,

IHC : human colon cancer tissue, human kidney tissue, human liver tissue, mouse liver tissue

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

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

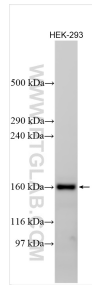
T: 4006900926

E: Proteintech-CN@ptglab.com

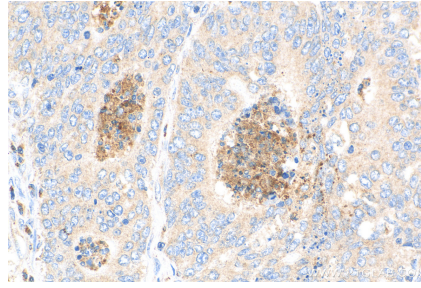
W: ptgcn.com

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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).