

**MXRA5 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP57399****Specification****MXRA5 Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	<a href="#">Q9NR99</a>
Host	Rabbit
Clonality	Polyclonal
Calculated MW	309 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human MXRA5
Epitope Specificity	1261-1360/2828
Isotype	IgG
<b>Purity</b>	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

**Background Descriptions**

This gene encodes one of the matrix-remodelling associated proteins. This protein contains 7 leucine-rich repeats and 12 immunoglobulin-like C2-type domains related to perlecan. This gene has a pseudogene on chromosome Y.

**MXRA5 Polyclonal Antibody - Additional Information****Gene ID** 25878**Other Names**

Matrix-remodeling-associated protein 5, Adhesion protein with leucine-rich repeats and immunoglobulin domains related to perlecan, Adlican, MXRA5

**Dilution**

<span class = "dilution\_IHC-P">IHC-P~~N/A</span><br \><span class = "dilution\_IHC-F">IHC-F~~N/A</span><br \><span class = "dilution\_IF">IF~~1:50~200</span><br \><span class = "dilution\_ICC">ICC~~N/A</span><br \><span class = "dilution\_E">E~~N/A</span>

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH

7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

## **MXRA5 Polyclonal Antibody - Protein Information**

**Name** MXRA5

### **Function**

In kidney, 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.

### **Cellular Location**

Secreted

### **Tissue Location**

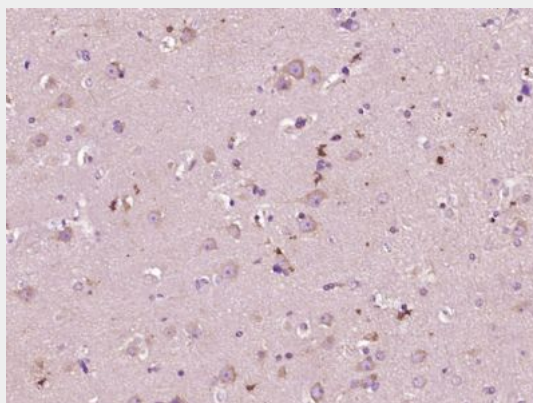
Detected in placenta (at protein level) (PubMed:32337544). Detected in cerebrospinal fluid and fibroblasts (at protein level) (PubMed:25326458, PubMed:36213313). Highly expressed in kidney, also detected on liver and spleen (PubMed:27599751). Expressed by proximal tubular cells of the kidney (at protein level) (PubMed:27599751). Expression highly increases during chronic kidney disease and autosomal dominant polycystic kidney disease, where is detected in cysts (PubMed:27599751).

## **MXRA5 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## **MXRA5 Polyclonal Antibody - Images**



Paraformaldehyde-fixed, paraffin embedded (Human brain glioma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen

peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (MXRA5) Polyclonal Antibody, Unconjugated (bs-19116R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.