

## Rabbit anti-Human MMP28 Polyclonal Antibody | anti-MMP28 antibody

MMP28 Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                  |
|-----------|--------|------------|---------------------------------------------------------------|
| AAA234183 | Rabbit | Human      | Immunofluorescence, Immunohistochemistry, Western Blot, ELISA |

### PRODUCT SYNONYMS

MMP28; Polyclonal Antibody; MMP28 Antibody; Matrix metalloproteinase-28; MMP-28; Epilysin; MMP25; UNQ1893/PRO4339; anti-MMP28 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                            |
|-------------------------------------------------|--------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                     |
| Reactivity                                      | Human                                                                                      |
| Clonality                                       | Polyclonal                                                                                 |
| Isotype                                         | IgG                                                                                        |
| Purity/Purification                             | >95%, Protein G purified                                                                   |
| Form/Format                                     | Liquid<br>Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, pH 7.4 |
| Sequence Length                                 | 130                                                                                        |
| Applicable Applications for anti-MMP28 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA              |
| Immunogen                                       | Recombinant Human Matrix metalloproteinase-28 protein (351-475AA)                          |
| Immunogen Species                               | Homo sapiens (Human)                                                                       |
| Conjugation                                     | Non-conjugated                                                                             |
| Research Area                                   | Signal Transduction                                                                        |
| Target Names                                    | MMP28                                                                                      |
| Preparation and Storage                         | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.                |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescence staining of A549 cells with AAA234183 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



#### IHC (Immunohistochemistry)

IHC image of AAA234183 diluted at 1:100 and staining in paraffin-embedded human testis tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



#### IHC (Immunohistochemistry)

IHC image of AAA234183 diluted at 1:100 and staining in paraffin-embedded human lung tissue performed on a Leica Bond<sup>TM</sup> system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



#### WB (Western Blot)

Western BlotPositive WB detected in: Hela whole cell lysate, MCF-7 whole cell lysateAll lanes: MMP28 antibody at 3.2ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 59, 15 KDaObserved band size: 59 KDa

## ADDITIONAL INFORMATION

Product Categories/Family for anti-MMP28 antibody

Cancer; Cell Biology; Signal transduction

## NCBI AND UNIPROT INFORMATION

|                                  |                                       |
|----------------------------------|---------------------------------------|
| NCBI GI #                        | 73808271                              |
| NCBI GeneID                      | 79148                                 |
| NCBI Accession #                 | NP_001027449.1                        |
| NCBI GenBank Nucleotide #        | NM_001032278.2                        |
| UniProt Accession #              | Q9H239; Q96F04; Q96TE2                |
| NCBI Official Full Name          | matrix metalloproteinase-28 isoform 3 |
| NCBI Official Synonym Full Names | matrix metalloproteinase 28           |
| NCBI Official Symbol             | MMP28                                 |
| NCBI Official Synonym Symbols    | MM28; MMP25; MMP-25; MMP-28; EPILYSIN |
| NCBI Protein Information         | matrix metalloproteinase-28           |
| UniProt Protein Name             | Matrix metalloproteinase-28           |
| UniProt Gene Name                | <b>MMP28</b>                          |
| UniProt Synonym Gene Names       | MMP25; MMP-28                         |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mmp28-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/234183>