

## Rabbit TMPRSS4 Polyclonal Antibody | anti-TMPRSS4 antibody

TMPRSS4 Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                  |
|-----------|--------|-------------------|---------------------------------------------------------------|
| AAA322864 | Rabbit | Human, Mouse, Rat | Immunohistochemistry, Immunofluorescence, ELISA, Western Blot |

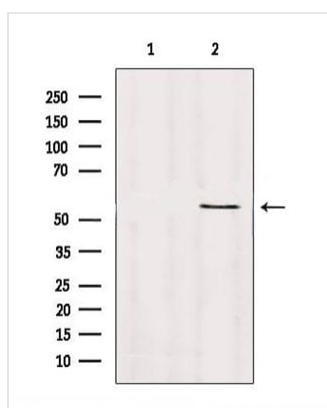
### PRODUCT SYNONYMS

TMPRSS4; Polyclonal Antibody; TMPRSS4 Antibody; UNQ776/PRO1570; CAPH2; Channel-activating protease 2; Membrane type serine protease 2; Membrane-type serine protease 2; MT SP2; MT-SP2; TMPRSS 4; TMPRSS3; TMPSS4\_HUMAN; Transmembrane protease serine 4; Transmembrane protease; serine 4; Transmembrane serine protease 3; anti-TMPRSS4 antibody

### PRODUCT SPECIFICATIONS

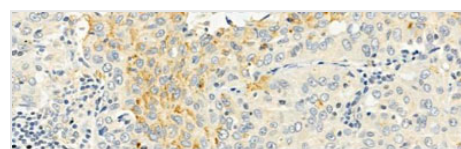
|                                                   |                                                                                                              |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                                       |
| Reactivity                                        | Human, Mouse, Rat                                                                                            |
| Clonality                                         | Polyclonal                                                                                                   |
| Specificity                                       | TMPRSS4 Antibody detects endogenous levels of total TMPRSS4.                                                 |
| Purity/Purification                               | Peptide affinity purification                                                                                |
| Form/Format                                       | IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol                   |
| Concentration                                     | 1mg/ml (varies by lot)                                                                                       |
| Applicable Applications for anti-TMPRSS4 antibody | IHC (Immunohistochemistry), IF (Immunofluorescence), ELISA, WB (Western Blot)                                |
| Immunogen                                         | A synthesized peptide derived from human TMPRSS4, corresponding to a region within the internal amino acids. |
| Preparation and Storage                           | Store at -20°C.                                                                                              |

### IMAGES



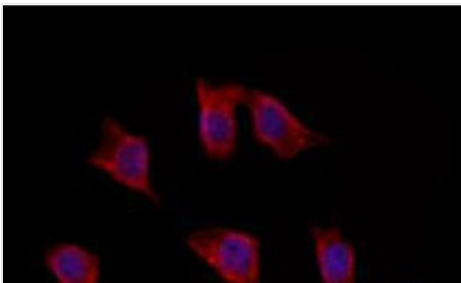
#### WB (Western Blot)

Western blot analysis of extracts from Hybridoma cells, using TMPRSS4 Antibody. Lane 1 was treated with the blocking peptide.



#### IHC (Immunohistochemistry)

AAA322864 at 1/100 staining Human lung cancer by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



**IF (Immunofluorescence)**

AAA322864 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

**NCBI AND UNIPROT INFORMATION**

|                                  |                                                                |
|----------------------------------|----------------------------------------------------------------|
| NCBI GI #                        | 145701030                                                      |
| NCBI GeneID                      | 56649                                                          |
| NCBI Accession #                 | NP_001077416.1                                                 |
| NCBI GenBank Nucleotide #        | NM_001083947.1                                                 |
| UniProt Accession #              | Q9NRS4; Q5XKQ6; Q6UX37; Q9NZA5; A8MU84; B0YJB0; B7Z8C5; E7ERX8 |
| Molecular Weight                 | 55 kDa                                                         |
| NCBI Official Full Name          | transmembrane protease serine 4 isoform 3                      |
| NCBI Official Synonym Full Names | transmembrane serine protease 4                                |
| NCBI Official Symbol             | TMPRSS4                                                        |
| NCBI Official Synonym Symbols    | CAPH2; MT-SP2; TMPRSS3                                         |
| NCBI Protein Information         | transmembrane protease serine 4                                |
| UniProt Protein Name             | Transmembrane protease serine 4                                |
| UniProt Gene Name                | <b>TMPRSS4</b>                                                 |
| UniProt Synonym Gene Names       | TMPRSS3; CAPH2; MT-SP2                                         |

**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/tmpRSS4-antibody-immunohistochemistry-immunofluorescence-western-blot-elisa/322864>