

Product datasheet for TA361169

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TMPRSS2 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Human Host: Rabbit

Clonality: Polyclonal

Immunogen: The immunogen is a synthetic peptide directed towards the middle region of human

TMPRSS2

Specificity: Expected reactivity: Human

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Affinity purified
Conjugation: Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 54 kDa

Gene Name: transmembrane protease, serine 2

Database Link: <u>NP 001128571.1</u>

Entrez Gene 7113 Human

015393

TMPRSS2 Rabbit Polyclonal Antibody - TA361169

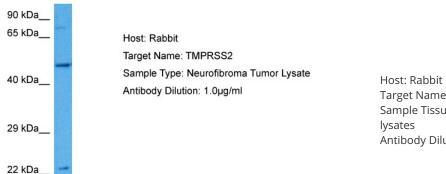
Background: This gene encodes a protein that belongs to the serine protease family. The encoded protein

> contains a type II transmembrane domain, a receptor class A domain, a scavenger receptor cysteine-rich domain and a protease domain. Serine proteases are known to be involved in many physiological and pathological processes. This gene was demonstrated to be upregulated by androgenic hormones in prostate cancer cells and down-regulated in androgenindependent prostate cancer tissue. The protease domain of this protein is thought to be cleaved and secreted into cell media after autocleavage. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Synonyms: epitheliasin; OTTHUMP00000207917; PP9284; PRSS10

Protein Families: Druggable Genome, Protease, Secreted Protein, Transmembrane

Product images:



Target Name: TMPRSS2

Sample Tissue: Human Neurofibroma Tumor

Antibody Dilution: 1ug/ml