TMPRSS11B Antibody

PACO17285

Product Information

Size:

50ul

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, IHC

Recommended dilutions:

ELISA:1:1000-1:2000, IHC:1:10-1:50

Protein Background:

TMPRSS11B (transmembrane protease serine 11B), also known as airway trypsin-like protease 5, is a 416 amino acid, single-pass type II membrane protein that belongs to the peptidase S1 family and contains one peptidase S1 domain and one SEA domain. The gene that encodes TMPRSS11B consists of over 19,000 bases and maps to human chromosome 4q13.2. Chromosome 4 represents approximately 6% of the human genome and contains nearly 900 genes. Notably, the Huntingtin gene, which is found to encode an expanded glutamine tract in cases of Huntington's disease, is encoded by a gene that maps to chromosome 4. FGFR-3 is also encoded by a gene located on chromosome 4 and has been associated with thanatophoric dwarfism, achondroplasia, Muenke syndrome and bladder cancer. Chromosome 4 is also tied to Ellis-van Creveld syndrome, methylmalonic acid, mia and polycystic kidney disease.

Gene ID:

TMPRSS11B

Uniprot

Q86T26

Synonyms:

transmembrane protease, serine 11B

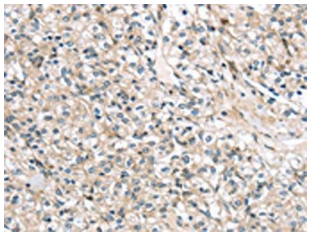
Immunogen:

Fusion protein of human TMPRSS11B.

Storage:

-20° C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product Images



The image on the left is immunohistochemistry of paraffin-embedded Human prostate cancer tissue using PACO17285(TMPRSS11B Antibody) at dilution 1/20, on the right is treated with fusion protein. (Original magnification: x—200).