

## TMPRSS2 antibody [N2C3]

**Cat No. GTX100743**

|                    |            |
|--------------------|------------|
| <b>Host</b>        | Rabbit     |
| <b>Clonality</b>   | Polyclonal |
| <b>Isotype</b>     | IgG        |
| <b>Application</b> | WB, IHC-P  |
| <b>Reactivity</b>  | Human      |

**Package**  
100 µl, 25 µl

## APPLICATION

**Application Note**

\*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Dilution        |
|--------------------|-----------------|
| WB                 | 1:500-1:3000    |
| IHC-P              | Assay dependent |

Not tested in other applications.

**Calculated MW** 54 kDa. ([Note](#))

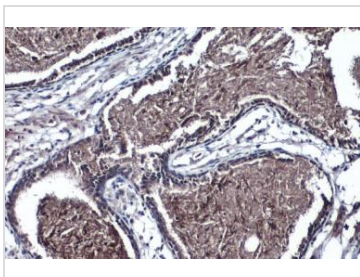
## PROPERTIES

|                      |                                                                                                                                                                                                                            |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Form</b>          | Liquid                                                                                                                                                                                                                     |
| <b>Buffer</b>        | 1XPBS, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.                                                                                                                                                 |
| <b>Storage</b>       | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| <b>Concentration</b> | 1.01 mg/ml (Please refer to the vial label for the specific concentration.)                                                                                                                                                |
| <b>Immunogen</b>     | Recombinant protein encompassing a sequence within the center region of human TMPRSS2. The exact sequence is proprietary.                                                                                                  |
| <b>Purification</b>  | Purified by antigen-affinity chromatography.                                                                                                                                                                               |
| <b>Conjugation</b>   | Unconjugated                                                                                                                                                                                                               |
| <b>Note</b>          | For laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.                                                                                   |



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## DATA IMAGES

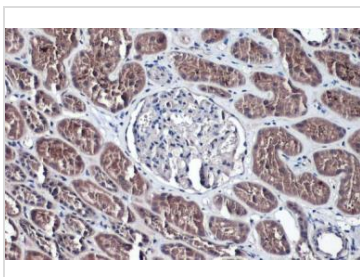
**GTX100743 IHC-P Image**

TMPRSS2 antibody [N2C3] detects TMPRSS2 protein at cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded human prostate.

TMPRSS2 stained by TMPRSS2 antibody [N2C3] (GTX100743) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

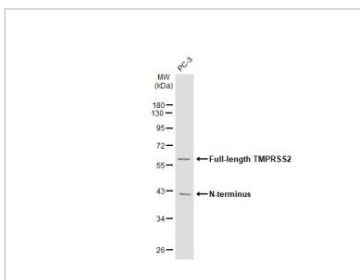
**GTX100743 IHC-P Image**

TMPRSS2 antibody [N2C3] detects TMPRSS2 protein at cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded human kidney.

TMPRSS2 stained by TMPRSS2 antibody [N2C3] (GTX100743) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

**GTX100743 WB Image**

Whole cell extract (30 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with TMPRSS2 antibody [N2C3] (GTX100743) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.

The observed M.W. is based on the publication: [PMID: 26018085](https://pubmed.ncbi.nlm.nih.gov/26018085/)



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