

# Product Datasheet

## **TMPRSS3 Antibody** **NB100-77342**

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NB100-77342**

TMPRSS3 Antibody

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

**Product Description**

<b>Description</b>	Novus Biologicals Goat TMPRSS3 Antibody (NB100-77342) is a polyclonal antibody validated for use in WB and ELISA. Anti-TMPRSS3 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Goat
<b>Gene ID</b>	64699
<b>Gene Symbol</b>	TMPRSS3
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	This antibody is expected to recognise all four reported isoforms (NP_076927.1; NP_115777.1; NP_115780.1; NP_115781.1)
<b>Immunogen</b>	Peptide with sequence C-EKIVYHSKYKPKR corresponding to internal region according to NP_076927.1, NP_115777.1, NP_115780.1, NP_115781.1.

**Product Application Details**

<b>Applications</b>	Western Blot, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 0.1 - 0.3 ug/ml, Peptide ELISA Detection limit 1:32000
<b>Application Notes</b>	WB: Approx. 48 kDa band observed in A431 lysates (calculated MW of 49.4 kDa band according to NP_076927.1).

**Images**

Western Blot: TMPRSS3 Antibody [NB100-77342] - (0.1ug/ml) staining of A431 cell lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
  
37kDa  
  
25kDa  
20kDa  
  
15kDa

## Publications

Lee YJ, Park D, Kim SY, Park WJ. Pathogenic mutations but not polymorphisms in congenital and childhood onset autosomal recessive deafness disrupt the proteolytic activity of TMPRSS3. J Med Genet 2003-08-01 [PMID: 12920079]



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## Products Related to NB100-77342

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
DY2209	Corin [Biotin]

## Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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