

Anti-TMPRSS6 antibody (77-220) (STJ11103816)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

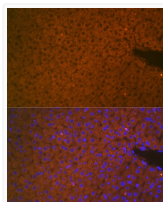
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 90kDa Observed Mw: 110kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

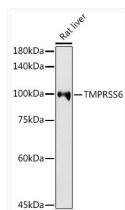
Gene ID	164656
Gene Symbol	TMPRSS6
UniProt ID	TMPS6_HUMAN
Immunogen Region	77-220
Immunogen Sequence	GYKAEVMVSQVYSGSLRVLN RHFSQDLTRESSAFRSETA KAQKMLKELITSTRLGTYYN SSSVYSFGEGPLTCFFWFIL QIPEHRRMLSPVEVVQALLV EELLSTVNSSAAVPYRAEYE VDPEGLVILEASVKDIAALN STLG
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 77-220 of human TMPRSS6 (NP_705837.1).

ADDITIONAL INFORMATION

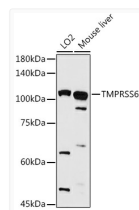
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunofluorescence analysis of mouse liver cells using TMPRSS6 Rabbit polyclonal antibody (STJ11103816) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western blot analysis of extracts of Rat liver, using TMPRSS6 antibody (STJ11103816) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



Western blot analysis of extracts of various cell lines, using TMPRSS6 antibody (STJ11103816) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.