

TMPRSS3 Antibody (aa405-454)
Rabbit Polyclonal Antibody
Catalog # ALS15961**Specification**

TMPRSS3 Antibody (aa405-454) - Product Information

Application	IHC, IF, WB
Primary Accession	P57727
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	49kDa KDa

TMPRSS3 Antibody (aa405-454) - Additional Information**Gene ID** 64699**Other Names**

Transmembrane protease serine 3, 3.4.21.-, Serine protease TADG-12, Tumor-associated differentially-expressed gene 12 protein, TMPRSS3, ECHOS1, TADG12

Target/Specificity

TMPRSS3 Antibody detects endogenous levels of total TMPRSS3 protein.

Reconstitution & Storage

Store at -20°C for up to one year.

Precautions

TMPRSS3 Antibody (aa405-454) is for research use only and not for use in diagnostic or therapeutic procedures.

TMPRSS3 Antibody (aa405-454) - Protein Information**Name** TMPRSS3**Synonyms** ECHOS1, TADG12**Function**

Probable serine protease that plays a role in hearing. Acts as a permissive factor for cochlear hair cell survival and activation at the onset of hearing and is required for saccular hair cell survival (By similarity). Activates ENaC (in vitro).

Cellular Location

Endoplasmic reticulum membrane; Single-pass type II membrane protein

Tissue Location

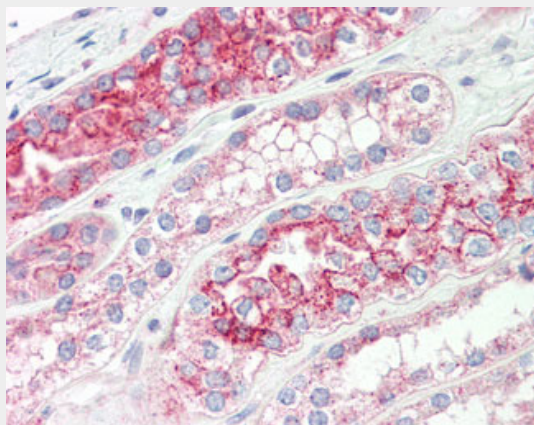
Expressed in many tissues including fetal cochlea. Isoform T is found at increased levels in some carcinomas

TMPRSS3 Antibody (aa405-454) - Protocols

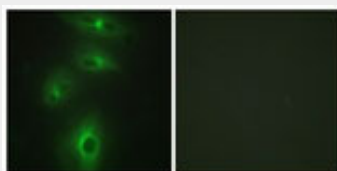
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

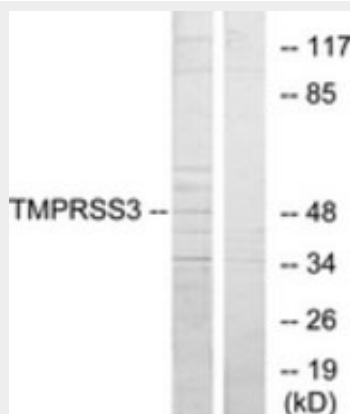
TMPRSS3 Antibody (aa405-454) - Images



Anti-TMPRSS3 antibody IHC staining of human kidney.



Immunofluorescence of HeLa cells, using TMPRSS3 Antibody.



Western blot of extracts from HUVEC cells, using TMPRSS3 Antibody.

TMPRSS3 Antibody (aa405-454) - Background

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TMPRSS3 Antibody (aa405-454) - References

Underwood L.J.,et al.Biochim. Biophys. Acta 1502:337-350(2000).
Scott H.S.,et al.Nat. Genet. 27:59-63(2001).
Ahmed Z.M.,et al.BMC Med. Genet. 5:24-24(2004).
Clark H.F.,et al.Genome Res. 13:2265-2270(2003).
Ota T.,et al.Nat. Genet. 36:40-45(2004).