

**TMPRSS3 Polyclonal Antibody**  
**Catalog # AP72865****Specification**

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**TMPRSS3 Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IF
Primary Accession	<a href="#">P57727</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal

**TMPRSS3 Polyclonal Antibody - Additional Information****Gene ID** 64699**Other Names**TMPRSS3; ECHOS1; TADG12; Transmembrane protease serine 3; Serine protease TADG-12;  
Tumor-associated differentially-expressed gene 12 protein**Dilution**WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence:  
1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.  
IHC-P~~N/A  
IF~~1:50~200**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**TMPRSS3 Polyclonal Antibody - 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**

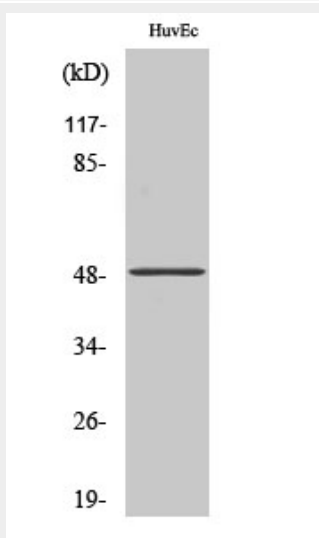
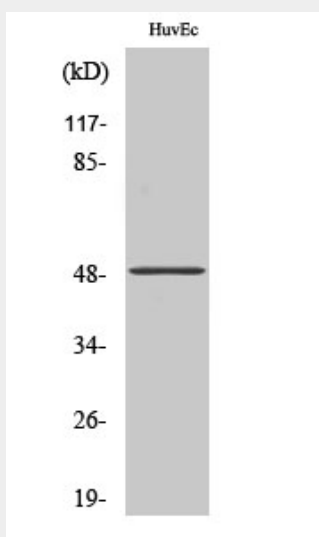
Expressed in many tissues including fetal cochlea. Isoform T is found at increased levels in some carcinomas

## TMPRSS3 Polyclonal Antibody - 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 Polyclonal Antibody - Images



## TMPRSS3 Polyclonal Antibody - Background

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).