

## **TMPRSS3 Polyclonal Antibody**

Catalog # AP72865

## **Specification**

## **TMPRSS3 Polyclonal Antibody - Product Information**

Application WB, IHC-P, IF Primary Accession P57727

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

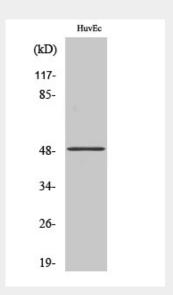


## **TMPRSS3 Polyclonal Antibody - Protocols**

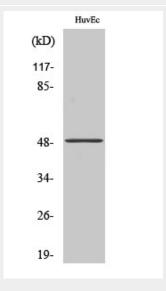
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

# **TMPRSS3 Polyclonal Antibody - Images**



Western Blot analysis of various cells using TMPRSS3 Polyclonal Antibody. Secondary antibody was diluted at 1:20000



Western Blot analysis of various cells using TMPRSS3 Polyclonal Antibody. Secondary antibody was diluted at 1:20000





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# **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).