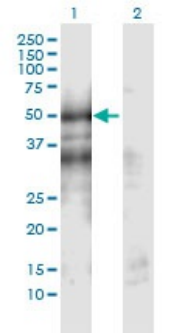
DNAxPAb | Hard-to-Find Antibody

# TMPRSS3 DNAxPab

Catalog # H00064699-W01P Size 100 ug

## Applications




### Western Blot (Transfected lysate)

Western Blot analysis of TMPRSS3 expression in transfected 293T cell line by TMPRSS3 DNAxPab polyclonal antibody.

Lane 1: TMPRSS3 transfected lysate(51.37 KDa).
Lane 2: Non-transfected lysate.

## Specification

| | |
|---|---|
| **Product Description** | Rabbit polyclonal antibody raised against a partial-length human TMPRSS3 DNA using DNAx™ Immune technology. |
| **Technology** | DNAx™ Immune |
| **Immunogen** | TMPRSS3 (NP_115781.1, 70 a.a. ~ 344 a.a) partial-length human DNA |
| **Sequence** | HFDCSGKYRCRSSFKCIELIARCDGVSDCKDGEDEYRCVRVGGQNAVLQVFTAASWKTMCSDD WKGHYANVACAQLGFPSYVSSDNLRVSSLEGQFREEFVSIDHLLPDDKVTALHHSVYVREGCAS GHVVTLQCTACGHRRGYSSRIVGGNMSLLSQWPWQASLQFQGYHLCGGSVITPLWIITAAHCVYD LYLPKSWTIQVGLVSLLDNPAPSHLVEKIVYHSKYKPKRLGNDIALMKLAGPLTFNGTSGSLCGSA ALPLFQEDLQLLIEAFL |
| **Host** | Rabbit |
| **Reactivity** | Human |
| **Purification** | Protein A |
| **Quality Control Testing** | Antibody reactive against mammalian transfected lysate. |
| **Storage Buffer** | In 1x PBS, pH 7.4 |

| | |
|---|---|
| **Storage Instruction** | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

## Applications

- Western Blot (Transfected lysate)

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  Lane 1: TMPRSS3 transfected lysate(51.37 KDa).
  Lane 2: Non-transfected lysate.

  Protocol Download

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

## Gene Info — TMPRSS3

| | |
|---|---|
| **Entrez GeneID** | 64699 |
| **GeneBank Accession#** | NM_032405.1 |
| **Protein Accession#** | NP_115781.1 |
| **Gene Name** | TMPRSS3 |
| **Gene Alias** | DFNB10, DFNB8, ECHOS1, TADG12 |
| **Gene Description** | transmembrane protease, serine 3 |
| **Omim ID** | 601072 605316 605511 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | This gene encodes a protein that belongs to the serine protease family. The encoded protein cont ains a serine protease domain, a transmembrane domain, a LDL receptor-like domain, and a sc avenger receptor cysteine-rich domain. Serine proteases are known to be involved in a variety of biological processes, whose malfunction often leads to human diseases and disorders. This gene was identified by its association with both congenital and childhood onset autosomal recessive d eafness. This gene is expressed in fetal cochlea and many other tissues, and is thought to be invo lved in the development and maintenance of the inner ear or the contents of the perilymph and end olymph. This gene was also identified as a tumor associated gene that is overexpressed in ovaria n tumors. Alternatively spliced transcript variants have been described. [provided by RefSeq |
| **Other Designations** | OTTHUMP00000109345\|serine protease TADG12 |

## Disease

- Deafness
- Syndrome