

[Go to Product page](#)

## Datasheet for ABIN6991698 **anti-TTYH1 antibody (C-Term)**

### Overview

Quantity:	0.1 mg
Target:	TTYH1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TTYH1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC)

### Product Details

Immunogen:	TTYH1 antibody was raised against a 17 amino acid synthetic peptide near the carboxy terminus of human TTYH1. The immunogen is located within the last 50 amino acids of TTYH1.
Isotype:	IgG
Specificity:	TTYH1 antibody is human specific. Multiple isoforms of TTYH1 are known to exist.
Purification:	TTYH1 Antibody is affinity chromatography purified via peptide column.

### Target Details

Target:	TTYH1
Alternative Name:	TTYH1 ( <a href="#">TTYH1 Products</a> )

## Target Details

**Background:** TTYH1 Antibody: TTYH1 is a member of the tweety family of proteins, a family of chloride anion channels containing five transmembrane regions. TTYH1 is a Ca<sup>2+</sup>-independent, volume-sensitive large conductance chloride (Cl<sup>-</sup>) channel. TTYH1 is primarily expressed in neural tissue and upregulated in astrocytoma, glioma, and several other cancers. Recent experiments have shown that TTYH1 is an integral endoplasmic reticulum (ER) membrane protein involved in cell proliferation and is thought to play an essential role in embryonic cell growth, possibly through the Ca<sup>2+</sup> storage/release process in ER membranes during early development.

**Gene ID:** 57348

**NCBI Accession:** [NP\\_001005367](#)

**UniProt:** [Q9H313](#)

## Application Details

**Application Notes:** TTYH1 antibody can be used for detection of TTYH1 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunocytochemistry starting at 5 µg/mL.

Antibody validated: Western Blot in human samples and Immunocytochemistry in human samples. All other applications and species not yet tested.

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Concentration:** 1 mg/mL

**Buffer:** TTYH1 Antibody is supplied in PBS containing 0.02 % sodium azide.

**Preservative:** Sodium azide

**Precaution of Use:** This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Storage:** -20 °C, 4 °C

**Storage Comment:** TTYH1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.