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Datasheet for ABIN6991699
anti-TTYH2 antibody (N-Term)

Overview

Quantity:	0.1 mg
Target:	TTYH2
Binding Specificity:	AA 60-110, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TTYH2 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	TTYH2 antibody was raised against a 14 amino acid synthetic peptide near the amino terminus of human TTYH2. The immunogen is located within amino acids 60 - 110 of TTYH2.
Isotype:	IgG
Specificity:	At least four isoforms of TTYH2 are known to exist, this antibody will only detect the two longest isoforms. This antibody is predicted to not cross-react with other TTYH family members.
Purification:	TTYH2 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	TTYH2
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Target Details

Alternative Name: [TTYH2 \(TTYH2 Products\)](#)

Background: TTYH2 Antibody: TTYH2 is a member of the tweety family of proteins, a family of chloride anion channels containing five transmembrane regions. TTYH2 is a Ca²⁺-activated large conductance chloride (Cl⁻) channel and may play a role in kidney tumorigenesis. It is also upregulated in colon carcinoma and is thought to play a role in cell proliferation and cell aggregation, suggesting that TTYH2 may play a role in regulating both proliferation and metastatic potentials of colorectal cancer. The ubiquitin-protein ligase Nedd4-2 binds to and ubiquitinates TTYH2, thereby regulating its cell surface expression and total cellular levels.

Gene ID: 94015

NCBI Accession: [NP_116035](#)

UniProt: [Q9BSA4](#)

Application Details

Application Notes: TTYH2 antibody can be used for detection of TTYH2 by Western blot at 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL. For immunofluorescence start at 2.5 µg/mL.

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

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: TTYH2 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: TTYH2 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.