

Datasheet for ABIN2781896
anti-TTYH1 antibody (N-Term)[Go to Product page](#)

1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	TTYH1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TTYH1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human TTYH1
Sequence:	GAPPGYRPSA WVHLLHQLPR ADFQLRPVPS VFAPQEYEQ QALLLVAALA
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against TTYH1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	TTYH1
Alternative Name:	TTYH1 (TTYH1 Products)

Target Details

Background:	<p>TTYH1 is a member of the tweety family of proteins. Members of this family function as chloride anion channels. TTYH1 functions as a calcium (2+)-independent, volume-sensitive large conductance chloride (-) channel. This gene encodes a member of the tweety family of proteins. Members of this family function as chloride anion channels. The encoded protein functions as a calcium(2+)-independent, volume-sensitive large conductance chloride(-) channel. Two transcript variants encoding distinct isoforms have been identified for this gene.</p> <p>Alias Symbols: -</p> <p>Protein Interaction Partner: UBC,</p> <p>Protein Size: 450</p>
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Molecular Weight:	49 kDa
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Gene ID:	57348
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NCBI Accession:	NM_020659 , NP_065710
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UniProt:	Q9H313
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Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
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Comment:	Antigen size: 450 AA
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	Lot specific
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Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Handling Advice:	Avoid repeated freeze-thaw cycles.
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Storage:	-20 °C
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Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small
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Handling

aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Spellman, Ahmed, Dubach, Gardiner: "Expression of trisomic proteins in Down syndrome model systems." in: **Gene**, Vol. 512, Issue 2, pp. 219-25, (2012) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-TTYH1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: Hela cell lysate