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anti-TTYH1 antibody (N-Term)





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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 VFAPQEQEYQ 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:	TTYH1 is a member of the tweety family of proteins. Members of this family function as
Ü	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.
	Alias Symbols: -
	Protein Interaction Partner: UBC,
	Protein Size: 450
Molecular Weight:	49 kDa

57348

 NCBI Accession:
 NM_020659, NP_065710

 UniProt:
 Q9H313

Application Details

Gene ID:

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

Handling

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

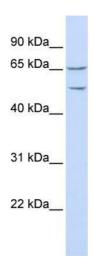
aliquots to prevent freeze-thaw cycles.

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