

Datasheet for ABIN2776205
anti-TRPM5 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	TRPM5
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Guinea Pig, Cow, Dog, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRPM5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human TRPM5
Sequence:	EKHISEQRAG YGGTGSIEIP VLCLLVNGDP NTLERISRAV EQAAPWLILV
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 79%, Horse: 93%, Human: 100%, Mouse: 100%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against TRPM5. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	TRPM5
Alternative Name:	TRPM5 (TRPM5 Products)

Target Details

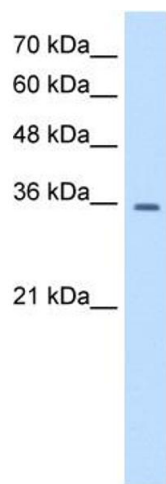
Background:	<p>TRPM5 is a voltage-modulated Ca(2+)-activated, monovalent cation channel (VCAM) that mediates a transient membrane depolarization and plays a central role in taste transduction. It is activated by arachidonic acid in vitro. It may be involved in perception of bitter, sweet and umami tastes. It may also be involved in sensing semiochemicals.</p> <p>Alias Symbols: LTRPC5, MTR1</p> <p>Protein Size: 1165</p>
Molecular Weight:	131 kDa
Gene ID:	29850
NCBI Accession:	NM_014555 , NP_055370
UniProt:	Q9NZQ8

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1165 AA
Restrictions:	For Research Use only

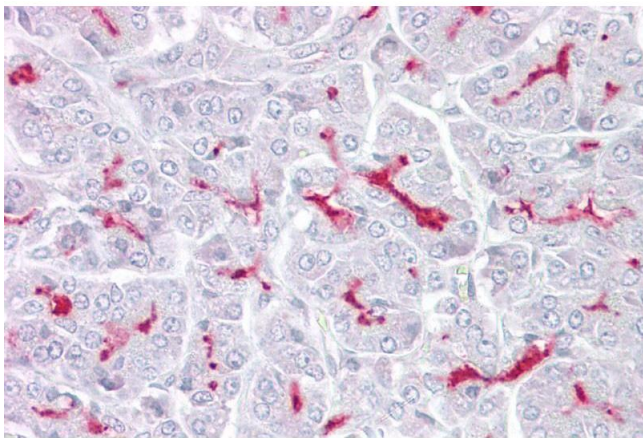
Handling

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.



Western Blotting

Image 1. WB Suggested Anti-TRPM5 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: HepG2 cell lysate



Immunohistochemistry

Image 2. Immunohistochemistry with Pancreas tissue at an antibody concentration of 5µg/ml using anti-TRPM5 antibody (ARP35242_P050)