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Datasheet for ABIN2774683

anti-TRPM3 antibody (N-Term)

1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	TRPM3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRPM3 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 TRPM3
Sequence:	TTPVPPVVCD GSGRASDILA FGHKYSEEGG LINESLRDQL LVTIQKTFTY
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against TRPM3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	TRPM3
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Target Details

Alternative Name:	TRPM3 (TRPM3 Products)
Background:	<p>The product of the TRPM3 gene belongs to the family of transient receptor potential (TRP) channels. TRP channels are cation-selective channels important for cellular calcium signaling and homeostasis. The protein encoded by TRPM3 mediates calcium entry, and this entry is potentiated by calcium store depletion.</p> <p>Alias Symbols: GON-2, MLSN2, LTRPC3</p> <p>Protein Size: 323</p>
Molecular Weight:	36 kDa
Gene ID:	80036
NCBI Accession:	NM_001007470
UniProt:	Q504Y1

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 323 AA
Restrictions:	For Research Use only

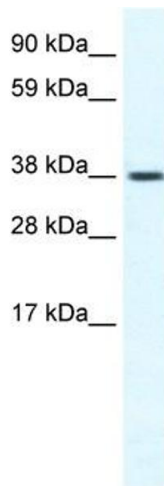
Handling

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: Storrs, Silverstein: "PATJ, a tight junction-associated PDZ protein, is a novel degradation target of high-risk human papillomavirus E6 and the alternatively spliced isoform 18 E6." in: **Journal of virology**, Vol. 81, Issue 8, pp. 4080-90, (2007) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-TRPM3 Antibody Titration: 1.25ug/ml ELISA Titer: 1:1562500 Positive Control: Human cerebellum