antibodies - online.com







anti-TRPM2 antibody (AA 431-480)





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Quantity:	50 μg
Target:	TRPM2
Binding Specificity:	AA 431-480
Reactivity:	Human, Mouse, Rat, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRPM2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffinembedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide located between aa431-480 of human TRPM2 (094759, NP_003298). Percent
	identity by BLAST analysis: Human, Gorilla, Monkey, Mouse, Rat (100%), Galago, Marmoset,
	Elephant, Bovine, Bat, Horse (92%), Guinea pig (87%), Panda, Platypus, Lizard (85%), Turkey,
	Zebra finch, Chicken (84%).
	Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human TRPM2
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Rat (100%) Bovine, Horse (92%) Guinea pig

Product Details (87%) Chicken (84%). Purification: Immunoaffinity purified Target Details TRPM2 Target: Alternative Name: TRPM2 (TRPM2 Products) Background: Name/Gene ID: TRPM2 Subfamily: Calcium channel - TRP Family: Ion Channel Synonyms: TRPM2, EREG1, LTrpC-2, LTRPC2, NUDT9L1, KNP3, NUDT9H, Trrp7 Gene ID: 7226 NCBI Accession: NP 003298 UniProt: 094759 **Application Details** Approved: IHC, IHC-P (10 - 20 µg/mL), WB (1 µg/mL) **Application Notes:** Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5 µg/mL. Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as second antibody. ELISA titer in peptide based assay: 1:62500. Comment: Target Species of Antibody: Human Restrictions: For Research Use only

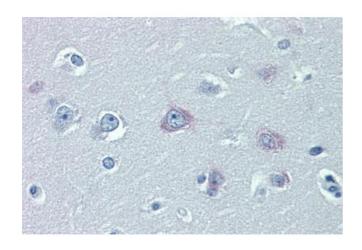
Handling

Format: Lyophilized

Handling

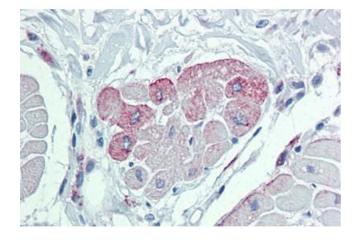
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



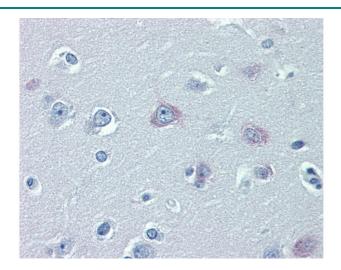
Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)

Image 1. Brain, cortex, Human: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)

Image 2. Heart, Human: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunohistochemistry

Image 3. Anti-TRPM2 antibody IHC of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffinembedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml. This image was taken for the unconjugated form of this product. O ...