



Datasheet for ABIN360716
anti-TRPM8 antibody (Middle Region)



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2 Images

1 Publication

Overview

Quantity:	0.4 mL
Target:	TRPM8
Binding Specificity:	Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRPM8 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide at the Center(R536) of human TRPM8.
Isotype:	Ig Fraction
Specificity:	This antibody reacts to TRPM8.
Purification:	Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS

Target Details

Target:	TRPM8
Alternative Name:	TRPM8 (TRPM8 Products)

Target Details

Background: TRPM8 is a receptor-activated non-selective cation channel involved in detection of sensations such as coolness, by being activated by cold temperature below 25 degrees Celsius. It is activated by icilin, eucalyptol, menthol, cold and modulation of intracellular pH and involved in menthol sensation. It is permeable for monovalent cations sodium, potassium, and cesium and divalent cation calcium. Synonyms: LTRPC6, Long transient receptor potential channel 6, TRPP8, Transient receptor potential cation channel subfamily M member 8, Transient receptor potential-p8, Trp-p8

Gene ID: 79054, 9606

UniProt: [Q7Z2W7](#)

Application Details

Application Notes: ELISA: 1/1,000. Western blotting: 1/50 - 1/100. Immunohistochemistry: 1/10 - 1/50.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS with 0.09 % (W/V) sodium azide

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 freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

Publications

Product cited in: Vendramin, Verheyden, Ishikawa, Goedert, Nicolas, Saraf, Armaos, Delli Ponti, Izumikawa, Mestdagh, Lafontaine, Tartaglia, Takahashi, Marine, Leucci: "SAMMSON fosters cancer cell fitness by concertedly enhancing mitochondrial and cytosolic translation." in: **Nature structural**

& **molecular biology**, Vol. 25, Issue 11, pp. 1035-1046, (2019) ([PubMed](#)).

Langhendries, Nicolas, Doumont, Goldman, Lafontaine: "The human box C/D snoRNAs U3 and U8 are required for pre-rRNA processing and tumorigenesis." in: **Oncotarget**, Vol. 7, Issue 37, pp. 59519-59534, (2018) ([PubMed](#)).

Images

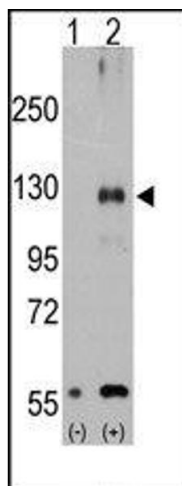


Image 1.

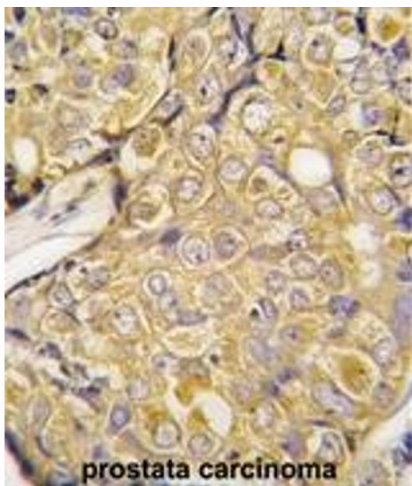


Image 2.