

Rabbit anti-Human TRPM2 Polyclonal Antibody | anti-TRPM2 antibody

Rabbit anti-TRPM2 Antibody, Affinity Purified

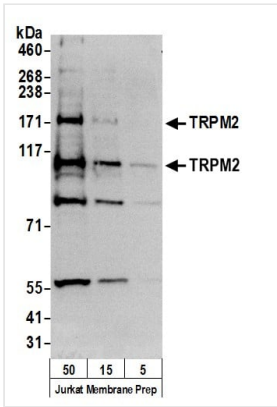
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA210938	Rabbit	Human	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

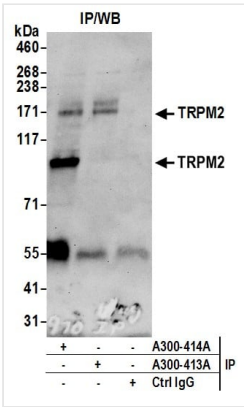
TRPM2; Polyclonal Antibody; Rabbit anti-TRPM2 Antibody; Affinity Purified; LTrpC-2; TRPC7; transient receptor potential melastatin 2; transient receptor potential channel 7; transient receptor potential cation channel subfamily M member 2; NUDT9H; LTRPC2; long transient receptor potential channel 2; KNP3; estrogen-responsive element-associated gene 1 protein; EREG1; NUDT9L1; Transient receptor potential cation channel subfamily M member 2; anti-TRPM2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-TRPM2 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Mouse
Immunogen	Between 650 and 700
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)
Detection of human TRPM2 by western blot. Samples: Jurkat Membrane Prep (50, 15, 5 ug). Antibody: Affinity purified rabbit anti-TRPM2 antibody AAA210938 (lot AAA210938-3) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)
Detection of human TRPM2 by western blot of immunoprecipitates. Samples: Membrane Prep (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells. Antibodies: Affinity purified rabbit anti-TRPM2 antibody AAA210938 (lot AAA210938-3) used for IP at 6 ug per reaction. TRPM2 was also immunoprecipitated by rabbit anti-TRPM2 antibody A300-413A. For blotting immunoprecipitated TRPM2, AAA210938 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-TRPM2 antibody	TRPM2 (transient receptor potential cation channel subfamily M member 2) is a voltage-independent cation channel that mediates susceptibility to cell death in response to oxidative stress. TRPM2 is activated by adenosine diphosphoribose (ADP-ribose) and its activation is dependent on calcium and calmodulin levels. A splice variant of TRPM2, TRPM2-S, has been shown to interact with the full length form and suppress calcium influx and susceptibility to cell death.
Product Categories/Family for anti-TRPM2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507689
NCBI GeneID	7226
NCBI Accession #	NP_003298.1
NCBI GenBank Nucleotide #	NM_003307.3
UniProt Accession #	O94759; Q5KTC2; Q6J3P5; Q96KN6; Q96Q93; D3DSL6
Molecular Weight	95,699 Da
NCBI Official Full Name	transient receptor potential cation channel subfamily M member 2
NCBI Official Synonym Full Names	transient receptor potential cation channel, subfamily M, member 2
NCBI Official Symbol	TRPM2
NCBI Official Synonym Symbols	KNP3; EREG1; TRPC7; LTRPC2; NUDT9H; NUDT9L1
NCBI Protein Information	transient receptor potential cation channel subfamily M member 2; LTrpC-2; transient receptor potential channel 7; long transient receptor potential channel 2; estrogen-responsive element-associated gene 1 protein
UniProt Protein Name	Transient receptor potential cation channel subfamily M member 2
UniProt Gene Name	TRPM2
UniProt Synonym Gene Names	EREG1; KNP3; LTRPC2; TRPC7; LTrpC-2; LTrpC2; TrpC7
UniProt Entry Name	TRPM2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/trpm2-antibody-immunoprecipitation-western-blot-elisa/210938>