

Goat TRPM2 Antibody | anti-TRPM2 antibody

Goat Anti-TRPM2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61830	Goat	HumanExpected from sequence similarity: Human, Mouse, Cow	Immunohistochemistry, Flow Cytometry, Functional Assay, Immunofluorescence, ELISA

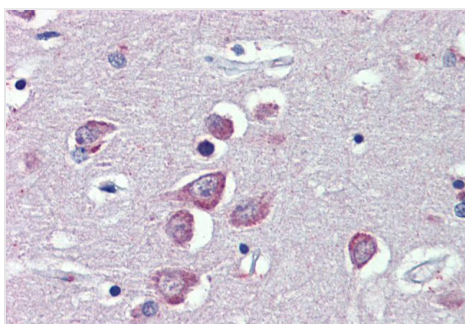
PRODUCT SYNONYMS

TRPM2; Goat Anti-TRPM2 Antibody; transient receptor potential cation channel; subfamily M; member 2; EREG1; KNP3; LTRPC2; MGC133383; NUDT9H; NUDT9L1; TRPC7; estrogen responsive element associated gene 1; long transient receptor potential channel 2; transient receptor potential channel 7; anti-TRPM2 antibody

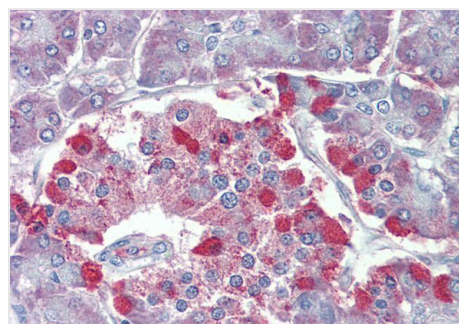
PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Human Expected from sequence similarity: Human, Mouse, Cow
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Sequence Length	1503
Applicable Applications for anti-TRPM2 antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-QQKQRPEQKIED, from the internal region of the protein sequence according to NP_003298.1; NP_001307279.1; NP_001307280.1.
Peptide Sequence	QQKQRPEQKIED
Epitope	Internal region
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

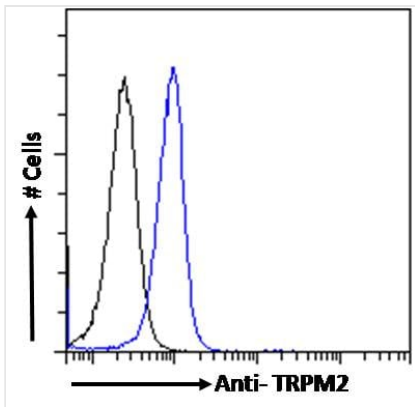
IMAGES



IHC (Immunohistochemistry)
3.75ug/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer Ph 6, AP-staining.

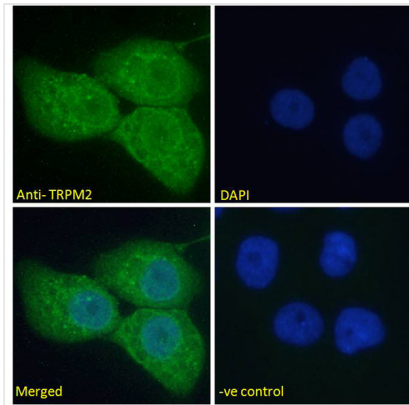


IHC (Immunohistochemistry)
3.75ug/ml) staining of paraffin embedded Human Pancreas. Steamed antigen retrieval with citrate buffer Ph 6, AP-staining.



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of paraformaldehyde fixed Jurkat cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) f



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear membrane and cytoplasmic staining. The nu

ADDITIONAL INFORMATION

References	Hecquet CM, Ahmmed GU, Vogel SM, Malik AB: Role of TRPM2 channel in mediating H2O2-induced Ca2+ entry and endothelial hyperpermeability. Circ Res. 2008 Feb 15;102(3):347-55. Epub 2007 Nov 29. PMID: 18048770
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4507689
NCBI GeneID	7226
NCBI Accession #	NP_003298.1; NP_001307279.1; NP_001307280.1
NCBI GenBank Nucleotide #	NP_003298.1
UniProt Accession #	O94759
NCBI Official Full Name	transient receptor potential cation channel subfamily M member 2 isoform 1
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; LTrpC-2; NUDT9L1
NCBI Protein Information	transient receptor potential cation channel subfamily M member 2
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/goat-cow-human-mouse-antibody/trpm2/61830>