



Anti-TRPM2 polyclonal antibody (CPBT-45981SR)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Sheep Polyclonal antibody to Rat TRPM2.
Antigen Description	Transient receptor potential cation channel, subfamily M, member 2, also known as TRPM2, is a protein that in humans is encoded by the TRPM2 gene.
Specificity	Highly expressed in brain and peripheral blood cells, such as neutrophils. Also detected in bone marrow, spleen, heart, liver and lung. Isoform 2 is found in neutrophil granulocytes.
Immunogen	A synthetic peptide as a part of rat TRPM2 conjugated to an immunogenic carrier protein.
Isotype	IgG
Source/Host	Sheep
Species Reactivity	Rat
Purification	Whole antiserum
Conjugate	Unconjugated
Applications	WB, IHC-P, IHC-Fr
Sequence Similarities	Belongs to the transient receptor (TC 1.A.4) family. LTrpC subfamily. TRPM2 sub-subfamily. Contains 1 nudix hydrolase domain.
Cellular Localization	Membrane.
Format	Liquid
Size	100 µl

Buffer	Preservative: None Constituents: 1X PBS
Preservative	None
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C (add glycerol to a final volume of 40% for extra stability). Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	Trpm2 transient receptor potential cation channel, subfamily M, member 2 [Rattus norvegicus]
Official Symbol	TRPM2
Synonyms	TRPM2; transient receptor potential cation channel, subfamily M, member 2; transient receptor potential cation channel subfamily M member 2; EREG 1; EREG1; Estrogen responsive element associated gene 1; Estrogen responsive element associated gene 1 protein; Estrogen-responsive element-associated gene 1 protein; KNP 3; KNP3; Long transient receptor potential channel 2; LTRPC 2; LTrpC-2; LTRPC2; MGC133383; NUDT9H; NUDT9L1; putative Ca ²⁺ channel protein; transient receptor potential cation channel subfamily M member 2; Transient receptor potential channel 7; TRPC 7; TRPC7; TRPM 2; Trpm2; TRPM2_HUMAN; null; transient receptor potential melastatin family 2; Trpm2-predicted;
Entrez Gene ID	294329
Protein Refseq	NP_001011559
UniProt ID	Q5G856
Function	manganese ion transmembrane transporter activity;