

## TRPM3 Conjugated Antibody

Catalog No: #C40266



Package Size: #C40266-AF350 100ul #C40266-AF405 100ul #C40266-AF488 100ul  
 #C40266-AF555 100ul #C40266-AF594 100ul #C40266-AF647 100ul  
 #C40266-AF680 100ul #C40266-AF750 100ul #C40266-Biotin 100ul

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## Description

Product Name	TRPM3 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total TRPM3 protein.
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human transient receptor potential cation channel, subfamily M, member 3
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	GON-2; MLSN2; LTRPC3
Accession No.	Swiss-Prot#:Q9HCF6 NCBI Gene ID:80036NCBI Protein#:NP_001007472
Uniprot	Q9HCF6
GeneID	80036;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## Background

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The product of this gene belongs to the family of transient receptor potential (TRP) channels. TRP channels are cation-selective channels important for cellular calcium signaling and homeostasis. The protein encoded by this gene mediates calcium entry, and this entry is potentiated by calcium store depletion. Alternatively spliced transcript variants encoding different isoforms have been identified.

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Note: This product is for in vitro research use only