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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP58715_P050-Biotin
Product Page	www.avivasysbio.com/trpc3-antibody-n-terminal-region-biotin-arp58715-p050-biotin.html
Name	TRPC3 Antibody - N-terminal region : Biotin (ARP58715_P050-Biotin)
Protein Size (# AA)	848 amino acids
Molecular Weight	97kDa
Conjugation	Biotin
NCBI Gene Id	7222
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Transient receptor potential cation channel, subfamily C, member 3
Alias Symbols	TRP3, SCA41
Peptide Sequence	Synthetic peptide located within the following region: MEGSPSLRRMTVMREKGRROAVRGP AFMFNDRGTSLSLTAEEERFLDAAEYG
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	LoŕC., (2008) J. Cell. Physiol. 216 (1), 245-252
Description of Target	TRPC3 is thought to form a receptor-activated non-selective calcium permeant cation channel. Probably is operated by a phosphatidylinositol second messenger system activated by receptor tyrosine kinases or G-protein coupled receptors. TRPC3 is activated by diacylglycerol (DAG) in a membrane-delimited fashion, independently of protein kinase C, and by inositol-1,4,5-triphosphate receptors (ITPR) with bound IP3. TRPC3 may also be activated by internal calcium store depletion.
Protein Interactions	STX3; TRPC1; PRKG1; ORAI1; PLCB1; PLCB2; TRPC6; NAPA; PLCB3; FKBP1A; VAMP2; SLC8A1; PRKCA; PLCG1; ITPR3; ITPR1; MX1; GNA11; CALM1; TRPC7; TRPC3; TRPC5; TRPC4;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-TRPC3 (ARP58715_P050-Biotin) antibody
Blocking Peptide	For anti-TRPC3 (ARP58715_P050-Biotin) antibody is Catalog # AAP58715 (Previous Catalog # AAPP35915)
Immunogen	The immunogen is a synthetic peptide directed towards the n terminal region of human TRPC3
Uniprot ID	Q13507
Protein Name	Short transient receptor potential channel 3
Protein Accession #	NP_003296
Purification	Affinity Purified
Nucleotide Accession #	NM_003305
Gene Symbol	TRPC3
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB, IHC
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 93%; Rabbit: 100%; Rat: 100%; Zebrafish: 93%

Image 1



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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