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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	ARP58718_P050-FITC
Product Page	www.avivasysbio.com/trpc6-antibody-n-terminal-region-fitc-arp58718-p050-fitc.html
Name	TRPC6 Antibody - N-terminal region : FITC (ARP58718_P050-FITC)
Protein Size (# AA)	931 amino acids
Molecular Weight	106kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	7225
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Transient receptor potential cation channel, subfamily C, member 6
Alias Symbols	TRP6, FSGS2
Peptide Sequence	Synthetic peptide located within the following region: MSQSPAFGPRRGSSPRGAAGAAARRNESQDYLLMDSELGEDGCPQAPLPC
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Liu,D., (2008) Arterioscler. Thromb. Vasc. Biol. 28 (4), 746-751
Description of Target	TRPC6 forms a receptor-activated calcium channel in the cell membrane. The channel is activated by diacylglycerol and is thought to be under the control of a phosphatidylinositol second messenger system. Activation of this channel occurs independently of protein kinase C and is not triggered by low levels of intracellular calcium. Defects in this gene are a cause of focal segmental glomerulosclerosis 2 (FSGS2).
Protein Interactions	RNF24; TRPC3; ORAI1; TRPM2; TRPC6; SRC; ITPR3; MX1; FYN; TRPC7; TRPC5; TRPC4; TRPC1; TRPC2; ITPR1;
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-TRPC6 (ARP58718_P050-FITC) antibody
Blocking Peptide	For anti-TRPC6 (ARP58718_P050-FITC) antibody is Catalog# AAP58718 (Previous Catalog# AAPP35918)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human TRPC6
Uniprot ID	Q9Y210
Protein Name	Short transient receptor potential channel 6
Protein Accession #	NP_004612
Purification	Affinity Purified
Nucleotide Accession #	NM_004621
Gene Symbol	TRPC6
Predicted Species Reactivity	Human, Mouse, Rat, Horse
Application	WB
Predicted Homology Based on Immunogen Sequence	Horse: 100%; Human: 100%; Mouse: 100%; Rat: 100%

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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