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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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| | |
|--|--|
| Product Number | ARP58715_P050-FITC |
| Product Page | www.avivasysbio.com/trpc3-antibody-n-terminal-region-fitc-arp58715-p050-fitc.html |
| Name | TRPC3 Antibody - N-terminal region : FITC (ARP58715_P050-FITC) |
| Protein Size (# AA) | 848 amino acids |
| Molecular Weight | 97kDa |
| Conjugation | FITC: Fluorescein Isothiocyanate |
| 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 AFMFNDRG TSLTAEERFLDAAEY G |
| 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-FITC) antibody |
| Blocking Peptide | For anti-TRPC3 (ARP58715_P050-FITC) 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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