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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	ARP55078_P050-Biotin
Product Page	www.avivasysbio.com/tmod3-antibody-middle-region-biotin-arp55078-p050-biotin.html
Name	TMOD3 Antibody - middle region : Biotin (ARP55078_P050-Biotin)
Protein Size (# AA)	352 amino acids
Molecular Weight	39kDa
Conjugation	Biotin
NCBI Gene Id	29766
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Tropomodulin 3 (ubiquitous)
Alias Symbols	UTMOD
Peptide Sequence	Synthetic peptide located within the following region: ITNTKFCNIMGSSNGVDQEHFSNVVKGEKILPVFDEPPNPTNVEESLKRT
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Weber, K.L., J. Cell. Sci. 120 (PT 20), 3625-3632 (2007)
Description of Target	TMOD3 belongs to the tropomodulin family. It blocks the elongation and depolymerization of the actin filaments at the pointed end. The Tmod/TM complex contributes to the formation of the short actin protofilament, which in turn defines the geometry of the membrane skeleton. This gene is a necessary element in receptor tyrosine kinase pathways, possibly as a tyrosine phosphorylation target. It is involved in regulation of RAF in the MAPK pathway and may also play a role in a MAPK-independent pathway.
Protein Interactions	UBC; PABPC1; YWHAE; PSMD9; PPP1CA; DHX15; PAN2; CSNK2A1; HNRNPUL2; PPIL3; AHCYL1; SULT1A1; PSMC4; PSMB7; NPC1; ATP6V1B1; LRRK2; FBXO25; ISG15; ARRB2; ARRB1; ELAVL1; SUMO2; DUSP23; TNFSF11; MAP1LC3B; Poc1b; Tubgcp3; Sass6; Trim69; Stag2; Pafah1b1; Erh; Cdk
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-TMOD3 (ARP55078_P050-Biotin) antibody
Blocking Peptide	For anti-TMOD3 (ARP55078_P050-Biotin) antibody is Catalog # AAP55078 (Previous Catalog # AAP32687)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human TMOD3
Uniprot ID	Q9NYL9
Protein Name	Tropomodulin-3
Protein Accession #	NP_055362
Purification	Affinity Purified
Nucleotide Accession #	NM_014547
Gene Symbol	TMOD3
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 86%

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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