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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	ARP55189_P050-FITC
Product Page	www.avivasysbio.com/tbc1d1-antibody-middle-region-fitc-arp55189-p050-fitc.html
Name	TBC1D1 Antibody - middle region : FITC (ARP55189_P050-FITC)
Protein Size (# AA)	1168 amino acids
Molecular Weight	133kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	23216
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	TBC1 (tre-2/USP6, BUB2, cdc16) domain family, member 1
Alias Symbols	TBC, TBC1
Peptide Sequence	Synthetic peptide located within the following region: RGSPGVSRKLMRYHSVSTETPHERKDFESKANHLGDSGGTPVKTRRHWSW
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Meyre,D., (er) Hum. Mol. Genet. (2008) In press
Description of Target	TBC1D1 is the founding member of a family of proteins sharing a 180- to 200-amino acid TBC domain presumed to have a role in regulating cell growth and differentiation. These proteins share significant homology with TRE2 (USP6), yeast Bub2, and CDC16. TBC1D1 is the founding member of a family of proteins sharing a 180- to 200-amino acid TBC domain presumed to have a role in regulating cell growth and differentiation. These proteins share significant homology with TRE2 (USP6; MIM 604334), yeast Bub2, and CDC16 (MIM 603461) (White et al., 2000 [PubMed 10965142]). [supplied by OMIM]. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-225 BC050321.1 13-237 226-950 BC050321.1 896-1620 951-1020 BC028196.1 226-295 1021-1123 BC029950.1 255-357 1124-1433 BC028196.1 399-708 1434-1608 BC029950.1 668-842 1609-4133 BC053648.1 437-2961 4134-5688 AK074954.1 1433-2987
Protein Interactions	UBC; YWHAB; YWHAE; ROR1; SMAD2; BARD1; MAP1LC3A; GABARAPL1; YWHAG;
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-TBC1D1 (ARP55189_P050-FITC) antibody
Additional Information	IHC Information: Paraffin embedded kidney tissue, tested with an antibody dilution of 5 ug/ml.
Blocking Peptide	For anti-TBC1D1 (ARP55189_P050-FITC) antibody is Catalog # AAP55189 (Previous Catalog # AAPP32994)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human TBC1D1
Uniprot ID	Q86TI0
Protein Name	TBC1 domain family member 1
Sample Type Confirmation	TBC1D1 is supported by BioGPS gene expression data to be expressed in 721_B
Protein Accession #	NP_055988
Purification	Affinity Purified
Nucleotide Accession #	NM_015173
Gene Symbol	TBC1D1

Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse
Application	IHC, WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 79%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 100%; Rat: 100%
Image 1	 A schematic diagram of a Y-shaped antibody molecule. It consists of two heavy chains (inner lines) and two light chains (outer lines) joined at their C-termini. The two N-termini of the light chains are extended outwards, forming the two antigen-binding arms of the antibody.

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

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