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Produktinformation



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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	ARP54835_P050-FITC
Product Page	www.avivasysbio.com/angptl2-antibody-n-terminal-region-fitc-arp54835-p050-fitc.html
Name	ANGPTL2 Antibody - N-terminal region : FITC (ARP54835_P050-FITC)
Protein Size (# AA)	493 amino acids
Molecular Weight	57kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	23452
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Angiopoietin-like 2
Alias Symbols	ARP2, HARP
Peptide Sequence	Synthetic peptide located within the following region: NSKEPEVLLERNRVHKQELLELLNNELLKQKROIETLQQLVEVDGGIVSEVK
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Sun,H., Nephron Exp. Nephrol. 105 (4), E117-E123 (2007)
Description of Target	Angiopoietins are members of the vascular endothelial growth factor family and the only known growth factors largely specific for vascular endothelium. Angiopoietin-1, angiopoietin-2, and angiopoietin-4 participate in the formation of blood vessels. ANGPTL2 is a secreted glycoprotein with homology to the angiopoietins and may exert a function on endothelial cells through autocrine or paracrine action. Angiopoietins are members of the vascular endothelial growth factor family and the only known growth factors largely specific for vascular endothelium. Angiopoietin-1, angiopoietin-2, and angiopoietin-4 participate in the formation of blood vessels. ANGPTL2 protein is a secreted glycoprotein with homology to the angiopoietins and may exert a function on endothelial cells through autocrine or paracrine action. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-127 AL598400.1 2-128 128-451 AL598400.1 129-452 452-2289 BC012368.1 325-2162 2290-3572 AK074726.1 1294-2576
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-ANGPTL2 (ARP54835_P050-FITC) antibody
Blocking Peptide	For anti-ANGPTL2 (ARP54835_P050-FITC) antibody is Catalog# AAP54835 (Previous Catalog# AAPP31639)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human ANGPTL2
Uniprot ID	Q9UKU9
Protein Name	Angiopoietin-related protein 2
Publications	Doblinger, E. et al. Angiotensin AT1 receptor-associated protein Arap1 in the kidney vasculature is suppressed by angiotensin II. Am. J. Physiol. Renal Physiol. 302, F1313-24 (2012). IHC, Pig, Zebrafish, Human, Bovine, Dog, Horse, Rabbit, Rat, Guinea pig, Mouse 22357923
Sample Type Confirmation	There is BioGPS gene expression data showing that ANGPTL2 is expressed in 721_B
Protein Accession #	NP_036230
Purification	Affinity Purified

Nucleotide Accession #	NM_012098
Gene Symbol	ANGPTL2
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: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 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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