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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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ADAMTS18 Antibody - N-terminal region : HRP (ARP53478_P050-HRP)

Data Sheet

Product Number	ARP53478_P050-HRP
Product Page	www.avivasysbio.com/adamts18-antibody-n-terminal-region-hrp-arp53478-p050-hrp.html
Name	ADAMTS18 Antibody - N-terminal region : HRP (ARP53478_P050-HRP)
Protein Size (# AA)	1221 amino acids
Molecular Weight	104kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	170692
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	ADAM metalloproteinase with thrombospondin type 1 motif, 18
Alias Symbols	KNO2, MMCAT, ADAMTS21
Peptide Sequence	Synthetic peptide located within the following region: FYQGFIRNDSSSSVAVSTCAGLSGLIRTRKNEFLISPLPQLLAQEHNYSS
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Nordgard, S.H., (er) Genes Chromosomes Cancer (2008) In press
Description of Target	ADAMTS18 is a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) protein family. ADAMTS family members share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. Individual members of this family differ in the number of C-terminal TS motifs, and some have unique C-terminal domains. The protein has a high sequence similarity to the protein encoded by gene ADAMTS16, another family member. It is thought to function as a tumor suppressor. Alternatively spliced transcript variants have been identified, but their biological validity has not been determined. This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) protein family. ADAMTS family members share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. Individual members of this family differ in the number of C-terminal TS motifs, and some have unique C-terminal domains. The protein encoded by this gene has a high sequence similarity to the protein encoded by gene ADAMTS16, another family member. It is thought to function as a tumor suppressor. Alternatively spliced transcript variants have been identified, but their biological validity has not been determined.
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 4°C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20°C to -80°C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-ADAMTS18 (ARP53478_P050-HRP) antibody
Blocking Peptide	For anti-ADAMTS18 (ARP53478_P050-HRP) antibody is Catalog # AAP53478 (Previous Catalog # AAP32022)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human ADAMTS18
Uniprot ID	Q8TE60
Protein Name	A disintegrin and metalloproteinase with thrombospondin motifs 18
Protein Accession #	NP_955387
Purification	Affinity Purified
Nucleotide Accession #	NM_199355
Gene Symbol	ADAMTS18

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: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 77%
Image 1	

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

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

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