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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP55206_P050-FITC
Product Page	www.avivasysbio.com/agtpbp1-antibody-c-terminal-region-fitc-arp55206-p050-fitc.html
Name	Agtpbp1 Antibody - C-terminal region : FITC (ARP55206_P050-FITC)
Protein Size (# AA)	1160 amino acids
Molecular Weight	128kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	67269
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Alias Symbols	N, at, Ccp, pcd, CCP1, Nna1, atms, nmf243, 1700020N17Rik, 2310001G17Rik, 2900054O13Rik, 4930445M19Rik, 5730402G09Rik
Peptide Sequence	Synthetic peptide located within the following region: GMQPLMYSVQEALNARPWWIRMGTDICYYKNHFSRSSVAAGGQK GKSSYYT
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	Agtpbp1 is a metalloprotease that mediates deglutamylation of target proteins. It catalyzes the deglutamylation of polyglutamate side chains generated by post-translational polyglutamylation in proteins such as tubulins. It also removes gene-encoded polyglutamates from the carboxy-terminus of target proteins such as MYLK. Agtpbp1 acts as a long-chain deglutamylase and specifically shortens long polyglutamate chains, while it is not able to remove the branching point glutamate, a process catalyzed by AGL5/CCP5. Deglutamylation plays a key role in cerebellar Purkinje cell differentiation, accumulation of tubulin polyglutamylation causing neurodegeneration.
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-Agtpbp1 (ARP55206_P050-FITC) antibody
Blocking Peptide	For anti-Agtpbp1 (ARP55206_P050-FITC) antibody is Catalog # AAP55206
Immunogen	The immunogen is a synthetic peptide directed towards the C-terminal region of Mouse Agtpbp1
Uniprot ID	Q9UPW5 ; Q641K1
Protein Accession #	NP_075817
Purification	Affinity Purified
Nucleotide Accession #	NM_023328
Gene Symbol	Agtpbp1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 92%

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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