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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP57602_P050-Biotin
Product Page	www.avivasysbio.com/spast-antibody-middle-region-biotin-arp57602-p050-biotin.html
Name	SPAST Antibody - middle region : Biotin (ARP57602_P050-Biotin)
Protein Size (# AA)	498 amino acids
Molecular Weight	54kDa
Conjugation	Biotin
NCBI Gene Id	6683
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	spastin
Alias Symbols	FSP2, SPG4, ADPSP
Peptide Sequence	Synthetic peptide located within the following region: RVLYMGATNRPQELDEAVLRRFIKRVYVSLPNEETRLLLLKNLLCKQGSP
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	This gene encodes a member of the AAA (ATPases associated with a variety of cellular activities) protein family. Members of this protein family share an ATPase domain and have roles in diverse cellular processes including membrane trafficking, intracellular motility, organelle biogenesis, protein folding, and proteolysis. The encoded ATPase may be involved in the assembly or function of nuclear protein complexes. Two transcript variants encoding distinct isoforms have been identified for this gene. Other alternative splice variants have been described but their full length sequences have not been determined. Mutations associated with this gene cause the most frequent form of autosomal dominant spastic paraplegia 4.
Protein Interactions	HECW2; ALB; VCP; CHMP1B; IST1; ELAVL1; SSNA1; RTN1;
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-SPAST (ARP57602_P050-Biotin) antibody
Blocking Peptide	For anti-SPAST (ARP57602_P050-Biotin) antibody is Catalog# AAP57602
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of Human SPAST
Uniprot ID	Q9UBP0-4
Protein Name	Spastin
Sample Type Confirmation	SPAST is supported by BioGPS gene expression data to be expressed in MCF7
Purification	Affinity Purified
Gene Symbol	SPAST
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Goat: 93%; 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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