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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
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	ARP54293_P050-FITC
Product Page	www.avivasysbio.com/fuca1-antibody-n-terminal-region-fitc-arp54293-p050-fitc.html
Name	FUCA1 Antibody - N-terminal region : FITC (ARP54293_P050-FITC)
Protein Size (# AA)	466 amino acids
Molecular Weight	54kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	2517
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Fucosidase, alpha-L- 1, tissue
Alias Symbols	FUCA
Peptide Sequence	Synthetic peptide located within the following region: PSPVSWNWNSKDVGPHRDLVGELGTALRKRNIRYGLYHSLLEWFHPLYLL
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Venditti,J.J., (2007) Mol. Reprod. Dev. 74 (6), 758-766
Description of Target	Alpha-L-fucosidase (EC 3.2.1.51) is a lysosomal enzyme involved in the degradation of fucose-containing glycoproteins and glycolipids. At least 2 separate polymorphic alpha-L-fucosidases are recognized in man: that in tissues, FUCA1, which is deficient in fucosidosis, and that in plasma, FUCA2. Fucosidosis is an autosomal recessive lysosomal storage disease caused by defective alpha-L-fucosidase with accumulation of fucose in the tissues. Different phenotypes include clinical features such as neurologic deterioration, growth retardation, visceromegaly, and seizures in a severe early form; coarse facial features, angiokeratoma corporis diffusum, spasticity and delayed psychomotor development in a longer surviving form; and an unusual spondylometaphyseoeipiphyseal dysplasia in yet another form.[supplied by OMIM]. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Protein Interactions	PAXIP1; BARD1; APP; CUL3; VAV2; USP21; MARK2;
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-FUCA1 (ARP54293_P050-FITC) antibody
Blocking Peptide	For anti-FUCA1 (ARP54293_P050-FITC) antibody is Catalog # AAP54293 (Previous Catalog # AAPP31042)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human FUCA1
Uniprot ID	P04066
Protein Name	Tissue alpha-L-fucosidase
Protein Accession #	NP_000138
Purification	Affinity Purified
Nucleotide Accession #	NM_000147
Gene Symbol	FUCA1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 93%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 79%; Rat: 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.