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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	ARP53443_P050-Biotin
Product Page	www.avivasysbio.com/eif5-antibody-n-terminal-region-biotin-arp53443-p050-biotin.html
Name	EIF5 Antibody - N-terminal region : Biotin (ARP53443_P050-Biotin)
Protein Size (# AA)	431 amino acids
Molecular Weight	49kDa
Conjugation	Biotin
NCBI Gene Id	1983
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Eukaryotic translation initiation factor 5
Alias Symbols	EIF-5, EIF-5A
Peptide Sequence	Synthetic peptide located within the following region: SVNVNRSVSDQFYRYKMPRLIAKVEGKGNGIKTVIVNMVDVAKALNRPT
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Olsen,J.V., (2006) Cell 127 (3), 635-648
Description of Target	EIF5 catalyzes the hydrolysis of GTP bound to the 40S ribosomal initiation complex (40S.mRNA.Met-tRNA[F].eIF-2.GTP) with the subsequent joining of a 60S ribosomal subunit resulting in the release of eIF-2 and the guanine nucleotide. The subsequent joining of a 60S ribosomal subunit results in the formation of a functional 80S initiation complex (80S.mRNA.Met-tRNA[F]).
Protein Interactions	DUSP12; HUWE1; UBC; TUBB; UBFD1; SCLY; ISOC1; MAT2B; FERMT2; YWHAQ; STK24; YWHAZ; YWHAH; YWHAH; EIF4H; VCL; SNRPD1; PCYT2; PFAS; PDHB; PAFAH1B1; HSPA9; HNRNPK; GNAI3; GLA; G6PD; DFFA; TBCB; CAPNS1; ALDH7A1; LMNA; PUM1; NRG1; FN1; EIF3B; RPL29; APP; Nedd4;
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-EIF5 (ARP53443_P050-Biotin) antibody
Blocking Peptide	For anti-EIF5 (ARP53443_P050-Biotin) antibody is Catalog # AAP53443 (Previous Catalog # AAPP31966)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human EIF5
Uniprot ID	P55010
Protein Name	Eukaryotic translation initiation factor 5
Sample Type Confirmation	There is BioGPS gene expression data showing that EIF5 is expressed in HeLa
Protein Accession #	NP_892116
Purification	Affinity Purified
Nucleotide Accession #	NM_183004
Gene Symbol	EIF5
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.