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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	ARP58897_P050-FITC
Product Page	www.avivasysbio.com/eif4e2-antibody-n-terminal-region-fitc-arp58897-p050-fitc.html
Name	EIF4E2 Antibody - N-terminal region : FITC (ARP58897_P050-FITC)
Protein Size (# AA)	245 amino acids
Molecular Weight	28kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	9470
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Eukaryotic translation initiation factor 4E family member 2
Alias Symbols	4EHP, IF4e, 4E-LP, h4EHP, EIF4EL3
Peptide Sequence	Synthetic peptide located within the following region: MNNKFDALKDDDSGDHDDQNEENSTQKDGEKEKTERDKNQSSSKRKAVVPG
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	EIF4E2 belongs to the eukaryotic initiation factor 4E family. It recognizes and binds the 7-methylguanosine-containing mRNA cap during an early step in the initiation of protein synthesis and facilitates ribosome binding by inducing the unwinding of the mRNAs secondary structures.
Protein Interactions	USHBP1; CARD9; PRDM14; HOMEZ; TRIM54; NECAB2; ADAMTSL4; AMOTL2; SPAG5; SPRY2; HUWE1; TMCC2; MAGED1; TCF4; TADA2A; TRIM27; REL; MYOG; KRT31; KRT19; KRT13; CDR2; AES; MAPRE3; NOTCH2NL; KRTAP10-8; KRTAP10-5; KRTAP10-9; ZBTB9; SPERT; USP54; MIPOL1; KRT40; UBX
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-EIF4E2 (ARP58897_P050-FITC) antibody
Blocking Peptide	For anti-EIF4E2 (ARP58897_P050-FITC) antibody is Catalog# AAP58897 (Previous Catalog# AAPP44844)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human EIF4E2
Uniprot ID	O60573
Protein Name	Eukaryotic translation initiation factor 4E type 2
Sample Type Confirmation	EIF4E2 is strongly supported by BioGPS gene expression data to be expressed in MCF7 There is BioGPS gene expression data showing that EIF4E2 is expressed in Jurkat
Protein Accession #	NP_004837
Purification	Affinity Purified
Nucleotide Accession #	NM_004846
Gene Symbol	EIF4E2
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 86%; Guinea Pig: 93%; Horse: 85%; Human: 100%; Mouse: 79%; Rat: 86%
Image 1	 A schematic diagram of a Y-shaped antibody molecule, consisting of two heavy chains and two light chains, represented by thick black lines.

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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