



# SZABO SCANDIC

Part of Europa Biosite

## 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

### SZABO-SCANDIC HandelsgmbH

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Product Number	ARP58457_P050-HRP
Product Page	<a href="http://www.avivasysbio.com/eef2-antibody-n-terminal-region-hrp-arp58457-p050-hrp.html">www.avivasysbio.com/eef2-antibody-n-terminal-region-hrp-arp58457-p050-hrp.html</a>
Name	EEF2 Antibody - N-terminal region : HRP (ARP58457_P050-HRP)
Protein Size (# AA)	858 amino acids
Molecular Weight	94kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	1938
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Eukaryotic translation elongation factor 2
Alias Symbols	EF2, EF-2, EEF-2, SCA26
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">TDSLVCAGIASARAGETRFDTTRKDEQERCITIKSTAISLFYELSEND</a>
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Tu,L.C., (2007) Mol. Cell Proteomics 6 (4), 575-588
Description of Target	EEF2 is a member of the GTP-binding translation elongation factor family. The protein is an essential factor for protein synthesis. It promotes the GTP-dependent translocation of the nascent protein chain from the A-site to the P-site of the ribosome. This protein is completely inactivated by EF-2 kinase phosphorylation. This gene encodes a member of the GTP-binding translation elongation factor family. This protein is an essential factor for protein synthesis. It promotes the GTP-dependent translocation of the nascent protein chain from the A-site to the P-site of the ribosome. This protein is completely inactivated by EF-2 kinase phosphorylation. 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	YJR129C; EEF2KMT; HUWE1; ISG15; UBC; FUS; SUMO2; SUMO3; LGR4; SUMO1; RPS6KA1; NEDD8; MDM2; RNF2; SHFM1; XPO1; EIF4H; PGD; FTO; GINS2; YWHAQ; BZW1; PFAS; PAK2; MAT2A; GSR; TYMP; CKB; CDKN2A; CASP7; CAPN1; HIPK4; CDK20; TARDBP; CDK18; HNRNPD; MAPK14; ADRB2;
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 <a href="#">anti-EEF2 (ARP58457_P050-HRP) antibody</a>
Additional Information	<b>IHC Information:</b> Small intestine
Blocking Peptide	For anti-EEF2 (ARP58457_P050-HRP) antibody is <a href="#">Catalog # AAP58457</a> (Previous Catalog # AAPP34564)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human EEF2
Uniprot ID	<a href="#">P13639</a>
Protein Name	Elongation factor 2
Protein Accession #	<a href="#">NP_001952</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_001961</a>
Gene Symbol	<a href="#">EEF2</a>

<b>Predicted Species Reactivity</b>	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Zebrafish
<b>Application</b>	IHC, WB
<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rat: 100%; Zebrafish: 100%
<b>Image 1</b>	 A schematic diagram of a Y-shaped antibody molecule. It consists of two heavy chains (inner lines) and two light chains (outer lines) joined at their C-termini. The two arms of the Y represent the antigen-binding sites.

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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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