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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	ARP54491_P050-HRP
Product Page	www.avivasysbio.com/narf-antibody-middle-region-hrp-arp54491-p050-hrp.html
Name	NARF Antibody - middle region : HRP (ARP54491_P050-HRP)
Protein Size (# AA)	397 amino acids
Molecular Weight	45kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	26502
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Nuclear prelamin A recognition factor
Alias Symbols	IOP2
Peptide Sequence	Synthetic peptide located within the following region: RGQAQTPDGHADKALLRQMEGIYADIPVRRPESSAHVQELYQEWLEGINS
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Description of Target	Several proteins have been found to be prenylated and methylated at their carboxyl-terminal ends. Prenylation was initially believed to be important only for membrane attachment. However, another role for prenylation appears to be its importance in protein-protein interactions. The only nuclear proteins known to be prenylated in mammalian cells are prelamin A- and B-type lamins. Prelamin A is farnesylated and carboxymethylated on the cysteine residue of a carboxyl-terminal CaaX motif. This post-translationally modified cysteine residue is removed from prelamin A when it is endoproteolytically processed into mature lamin A. NARF binds to the prenylated prelamin A carboxyl-terminal tail domain. It may be a component of a prelamin A endoprotease complex. NARF is located in the nucleus, where it partially colocalizes with the nuclear lamina. It shares limited sequence similarity with iron-only bacterial hydrogenases.
Protein Interactions	UBC; LEF1; STAT5A; SHFM1; MMS19; CBX5; APP; LMNA;
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-NARF (ARP54491_P050-HRP) antibody
Blocking Peptide	For anti-NARF (ARP54491_P050-HRP) antibody is Catalog# AAP54491 (Previous Catalog# AAPP44502)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human NARF
Uniprot ID	B3KPX2
Protein Name	cDNA FLJ32404 fis, clone SKMUS2000380, highly similar to Homo sapiens nuclear prelamin A recognition factor (NARF), transcript variant 1, mRNA EMBL BAG51834.1
Protein Accession #	NP_001033707
Purification	Affinity Purified
Nucleotide Accession #	NM_001038618
Gene Symbol	NARF
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 85%; Dog: 100%; Guinea Pig: 92%; Horse: 85%; Human: 100%; Mouse: 92%; Rabbit: 85%; Rat: 100%
Image 1	 A schematic diagram of an antibody molecule, represented as a Y-shape. It consists of two heavy chains (the inner vertical lines) and two light chains (the outer diagonal lines), all connected at their base. The two upper arms of the Y represent the antigen-binding sites.

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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