



# SZABO SCANDIC

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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	ARP54490_P050-HRP
Product Page	<a href="http://www.avivasysbio.com/narf-antibody-middle-region-hrp-arp54490-p050-hrp.html">www.avivasysbio.com/narf-antibody-middle-region-hrp-arp54490-p050-hrp.html</a>
Name	NARF Antibody - middle region : HRP (ARP54490_P050-HRP)
Protein Size (# AA)	502 amino acids
Molecular Weight	55kDa
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: <a href="#">FRNIQN MILK LKKGKFPFHFVEVLACAGGCLN GRGQAQTPDGHADKALLR</a>
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Lattanzi, G., (2007) J. Cell. Biochem. 102 (5), 1149-1159
Description of Target	<p>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. 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. The protein encoded by this gene binds to the prenylated prelamin A carboxyl-terminal tail domain. It may be a component of a prelamin A endoprotease complex. The encoded protein is located in the nucleus, where it partially colocalizes with the nuclear lamina. It shares limited sequence similarity with iron-only bacterial hydrogenases. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene, including one with a novel exon that is generated by RNA editing.</p>
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 <a href="#">anti-NARF (ARP54490_P050-HRP) antibody</a>
Blocking Peptide	For anti-NARF (ARP54490_P050-HRP) antibody is <a href="#">Catalog # AAP54490</a> (Previous Catalog # AAPP31270)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human NARF
Uniprot ID	<a href="#">Q9UHQ1-2</a>
Protein Name	Nuclear prelamin A recognition factor
Protein Accession #	<a href="#">NP_114174</a>

<b>Purification</b>	Affinity Purified
<b>Nucleotide Accession #</b>	<a href="#">NM_031968</a>
<b>Gene Symbol</b>	<a href="#">NARF</a>
<b>Predicted Species Reactivity</b>	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
<b>Application</b>	WB
<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 92%; Dog: 86%; Guinea Pig: 92%; Horse: 86%; Human: 100%; Mouse: 92%; Rabbit: 79%; Rat: 92%
<b>Image 1</b>	

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Optimal conditions of its use should be determined by end users.

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