

NARF Antibody (monoclonal) (M03)

Mouse monoclonal antibody raised against a partial recombinant NARF.

Catalog # AT2972a

Product Information

Application	WB
Primary Accession	Q9UHQ1
Other Accession	NM_031968
Reactivity	Human
Host	Mouse
Clonality	monoclonal
Isotype	IgM Kappa
Clone Names	7D9
Calculated MW	51156

Additional Information

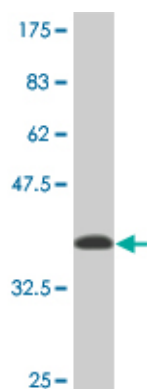
Gene ID	26502
Other Names	Nuclear prelamin A recognition factor, Iron-only hydrogenase-like protein 2, IOP2, NARF
Target/Specificity	NARF (NP_114174, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	NARF Antibody (monoclonal) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

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. [provided by RefSeq]

Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 kDa) .

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.