

ARG44073 anti-NARF antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal recognizes NARF
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	NARF
Species	Human
Immunogen	Human NARF recombinant protein (Position: H41-Q353).
Conjugation	Un-conjugated
Alternate Names	NARF; Nuclear Prelamin A Recognition Factor; IOP2; Iron-Only Hydrogenase-Like Protein 2; DKFZp434G0420; FLJ10067; Prenyl-Dependent Prelamin A Binding Protein

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/1x10 ⁶ cells
	WB	0.25 - 0.5 µg/ml
Application Note	The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

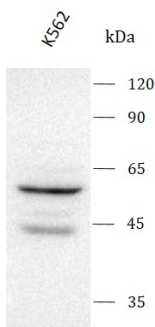
Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Gene Symbol	NARF
Gene Full Name	Nuclear Prelamin A Recognition Factor
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.
Calculated Mw	51 kDa
PTM	Phosphoprotein
Cellular Localization	Nucleus

Images

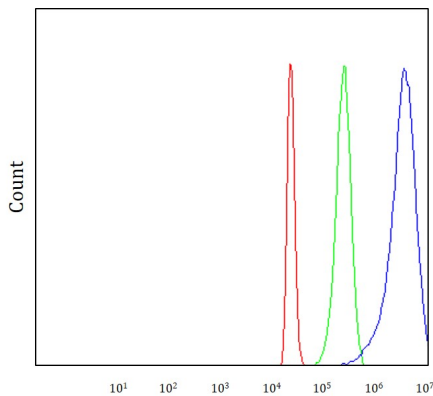
ARG44073 anti-NARF antibody WB image

Western blot: K562 stained with ARG44073 anti-NARF antibody at 0.5 µg/mL dilution.



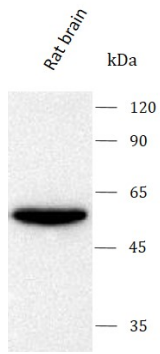
ARG44073 anti-NARF antibody FACS image

Flow Cytometry: 293T stained with ARG44073 anti-NARF antibody at 1 µg/1x10⁶ cells dilution.



ARG44073 anti-NARF antibody WB image

Western blot: Rat brain stained with ARG44073 anti-NARF antibody at 0.5 $\mu\text{g}/\text{mL}$ dilution.



ARG44073 anti-NARF antibody WB image

Western blot: Mouse brain stained with ARG44073 anti-NARF antibody at 0.5 $\mu\text{g}/\text{mL}$ dilution.

