

## Anti-NARF Polyclonal Antibody

### Product Details

Ig Type:	IgG
Reactivity:	Mouse,Rat (predicted:Human,Dog,Cow,Horse,Sheep)
Molecular Weight:	Theoretical: 51 kDa. Actual: 51 kDa.
Purification:	Protein A purified

### Applications

Verified Activity:	1. Sample: Heart (Mouse) Lysate at 40 µg Primary: Anti-NARF (TMAB-09241) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 51 kD Observed band size: 51 kD
	2. Sample: Lane 1: Mouse Liver tissue lysates Lane 2: Mouse Cerebrum tissue lysates Lane 3: Rat Cerebrum tissue lysates Lane 4: Rat Spleen tissue lysates Primary: Anti-NARF (TMAB-09241) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 51 kDa Observed band size: 52 kDa
Application:	WB
Recommended	WB: 1:500-2000

### Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human NARF
Antigen Species:	Human
Gene ID:	26502
Uniprot ID:	Q9UHQ1

### Research Background

Prenylation and methylation are two forms of protein modification, both of which are important for a variety of functions, including membrane attachment, protein-protein interactions and signaling events. NARF (nuclear prelamin A recognition factor), also known as IOP2, is a 456 amino acid nuclear protein that belongs to the NARF family. Expressed ubiquitously with highest expression in heart, skeletal muscle and brain, NARF binds to the C-terminal end of prenylated prelamin A and may be a member of a prelamin A-containing endoprotease complex.

## A DRUG SCREENING EXPERT

---

Additionally, via its association with prelamin A, NARF may be involved in heterochromatin organization. NARF is expressed as three isoforms due to alternative splicing events and, upon DNA damage, may be phosphorylated by ATM or ATR.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481