

Rabbit NRBP1 Polyclonal Antibody | anti-NRBP1 antibody

NRBP1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322748	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

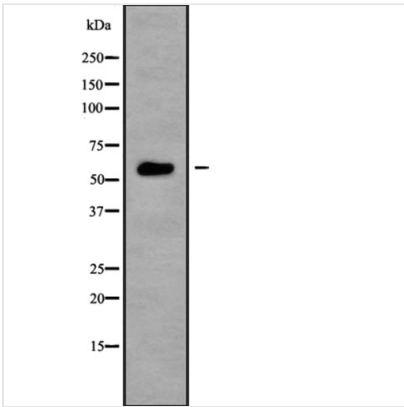
PRODUCT SYNONYMS

NRBP1; Polyclonal Antibody; NRBP1 Antibody; BCON3; MADM; MUDPNP; Multiple domain putative nuclear protein; Myeloid leukemia factor 1 adaptor molecule; NRBP; NRBP_HUMAN; Nuclear receptor binding protein; Nuclear receptor-binding protein; anti-NRBP1 antibody

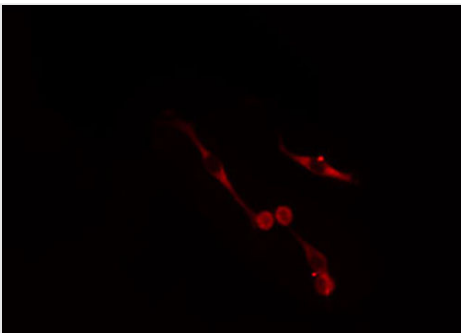
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	NRBP1 antibody detects endogenous levels of total NRBP1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	535
Applicable Applications for anti-NRBP1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human NRBP1
Subcellular Location	Cytoplasm > Cell Cortex. Endomembrane System. Cell Projection > Lamellipodium. Colocalizes with activated RAC3 to endomembranes and at the cell periphery in lamellipodia.
Tissue Specificity	Ubiquitously expressed in all tissues examined with high levels in the testis.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis NRBP1 using K562 whole cell lysates



IF (Immunofluorescence)
AAA322748 staining HepG2 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-NRBP1 antibody	Function: May play a role in subcellular trafficking between the endoplasmic reticulum and Golgi apparatus through interactions with the Rho-type GTPases. Binding to the NS3 protein of dengue virus type 2 appears to subvert this activity into the alteration of the intracellular membrane structure associated with flaviviral replication. Subunit Structure: Homodimer. Binds to MLF1, recruiting a serine kinase which phosphorylates both itself and MLF1. Phosphorylated MLF1 binds to YWHAZ and is retained in the cytoplasm (By similarity). Similarity: The protein kinase domain is predicted to be catalytically inactive. Belongs to the protein kinase superfamily. Ser/Thr protein kinase family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1008909378
NCBI GeneID	29959
NCBI Accession #	NP_001308286.1
NCBI GenBank Nucleotide #	NM_001321357.1
UniProt Accession #	Q9UHY1; Q53FZ5; Q96SU3; B3KV40; D6W558
Molecular Weight	Observed: 60 kDa Predicted: 60 kDa
NCBI Official Full Name	nuclear receptor-binding protein isoform 1
NCBI Official Synonym Full Names	nuclear receptor binding protein 1
NCBI Official Symbol	NRBP1
NCBI Official Synonym Symbols	MADM; NRBP; BCON3; MUDPNP
NCBI Protein Information	nuclear receptor-binding protein
UniProt Protein Name	Nuclear receptor-binding protein
UniProt Gene Name	NRBP1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.