

Rabbit HNRNPD Polyclonal Antibody | anti-HNRNPD antibody

HNRNPD Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288293	Rabbit	Human (Predicted Reactivity: Mouse, Rat)	Western Blot, ELISA, Immunofluorescence

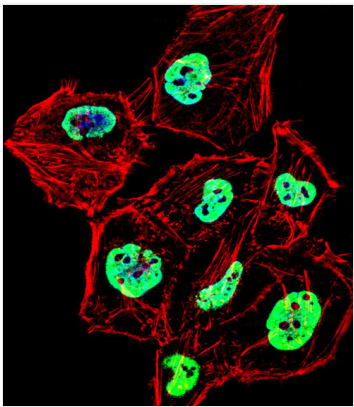
PRODUCT SYNONYMS

HNRNPD; Polyclonal Antibody; HNRNPD Antibody (N-term); Heterogeneous nuclear ribonucleoprotein D0; hnRNP D0; AU-rich element RNA-binding protein 1; AUF1; HNRPD; anti-HNRNPD antibody

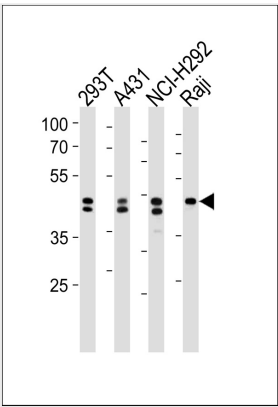
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HNRNPD antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 57-85 amino acids from the N-terminal region of human HNRNPD.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	57-85
Sequence Length	287
Applicable Applications for anti-HNRNPD antibody	WB (Western Blot), ELISA, IF (Immunofluorescence)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)
Fluorescent confocal image of HeLa cell stained with HNRNPD Antibody (N-term). HeLa cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with HNRNPD primary antibody (1:25, 1 h at 37 degree). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37 degree). Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (7units/ml, 1 h at 37 degree). Nuclei were counterstained with DAPI (blue) (10 ug/ml, 10 min). HNRNPD immunoreactivity is localized to Nucleus and Cytoplasm significantly.



WB (Western Blot)
HNRNPD Antibody (N-term) western blot analysis in 293T,A431,NCI-H292,Raji cell line lysates (35ug/lane).This demonstrates the HNRNPD antibody detected the HNRNPD protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-HNRNPD antibody	This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are nucleic acid binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some seem to shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. The protein encoded by this gene has two repeats of quasi-RRM domains that bind to RNAs. It localizes to both the nucleus and the cytoplasm. This protein is implicated in the regulation of mRNA stability. Alternative splicing of this gene results in four transcript variants.
Product Categories/Family for anti-HNRNPD antibody	Crown Antibodies
References	Ishimaru, D., et al. J. Biol. Chem. 285(35):27182-27191(2010) Zhai, B., et al. J. Biol. Chem. 285(31):23568-23580(2010) Vazquez-Chantada, M., et al. Gastroenterology 138(5):1943-1953(2010) Trojanowicz, B., et al. Endocr. Relat. Cancer 16(3):857-871(2009) Pautz, A., et al. J. Biol. Chem. 284(5):2755-2766(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	51477708
NCBI GeneID	3184
NCBI Accession #	NP_001003810.1; NP_002129.2; NP_112737.1; NP_112738.1
NCBI GenBank Nucleotide #	NM_001003810.1
UniProt Accession #	Q14103; P07029; Q01858; Q14100; Q14101; Q14102; Q4W5A1; Q9UCE8; Q9UCE9; A8K9J2
Molecular Weight	38434

NCBI Official Full Name	heterogeneous nuclear ribonucleoprotein D0 isoform d
NCBI Official Synonym Full Names	heterogeneous nuclear ribonucleoprotein D (AU-rich element RNA binding protein 1, 37kDa)
NCBI Official Symbol	HNRNPD
NCBI Official Synonym Symbols	P37; AUF1; AUF1A; HNRPD; hnRNPD0
NCBI Protein Information	heterogeneous nuclear ribonucleoprotein D0
UniProt Protein Name	Heterogeneous nuclear ribonucleoprotein D0
UniProt Gene Name	HNRNPD
UniProt Synonym Gene Names	AUF1; HNRPD; hnRNP D0
UniProt Entry Name	HNRPD_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/hnmpd-antibody-western-blot-immunofluorescence-elisa/288293>