

Rabbit anti-Human HNRPAB Polyclonal Antibody | anti-HNRNPAB antibody

HNRPAB Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285814	Rabbit	Human	Western Blot, Immunofluorescence, Immunohistochemistry, ELISA

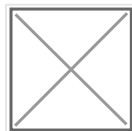
PRODUCT SYNONYMS

HNRPAB; Polyclonal Antibody; HNRPAB Antibody (N-term); Heterogeneous nuclear ribonucleoprotein A/B; hnRNP A/B; APOBEC1-binding protein 1; ABBP-1; HNRNPAB; ABBP1; anti-HNRNPAB antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HNRPAB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human HNRPAB.
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	1-30
Sequence Length	285
Applicable Applications for anti-HNRNPAB antibody	WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
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 MCF-7 cell stained with HNRPAB Antibody (N-term). MCF-7 cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with HNRPAB 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). HNRPAB immunoreactivity is localized to Nucleus significantly.



IHC (Immunohistochemistry)

HNRPAB Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human cervix carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the HNRPAB Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

HNRNPAB Antibody (N-term) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the HNRNPAB antibody detected the HNRNPAB protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-HNRNPAB antibody	This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are produced by RNA polymerase II and are components of the heterogeneous nuclear RNA (hnRNA) complexes. They 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, which binds to one of the components of the multiprotein editosome complex, has two repeats of quasi-RRM (RNA recognition motif) domains that bind to RNAs.
Product Categories/Family for anti-HNRNPAB antibody	Crown Antibodies
References	Jonson, L., et al. Mol. Cell Proteomics 6(5):798-811(2007) Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) : Beausoleil, S.A., et al. Nat. Biotechnol. 24(10):1285-1292(2006) Ong, S.E., et al. Nat. Methods 1(2):119-126(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	55956921
NCBI GeneID	3182
NCBI Accession #	NP_004490.2 ; NP_112556.2
NCBI GenBank Nucleotide #	NM_004499.3
UniProt Accession #	Q99729 ; Q04150 ; Q8N7U3 ; Q9BQ99 ; B3KNN5 ; D3DWP7
Molecular Weight	36225
NCBI Official Full Name	heterogeneous nuclear ribonucleoprotein A/B isoform b
NCBI Official Synonym Full Names	heterogeneous nuclear ribonucleoprotein A/B
NCBI Official Symbol	HNRNPAB
NCBI Official Synonym Symbols	ABBP1; HNRPAB
NCBI Protein Information	heterogeneous nuclear ribonucleoprotein A/B
UniProt Protein Name	Heterogeneous nuclear ribonucleoprotein A/B
UniProt Gene Name	HNRNPAB
UniProt Synonym Gene Names	ABBP1; HNRPAB; hnRNP A/B; ABBP-1
UniProt Entry Name	ROAA_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.

