

Rabbit anti-Human, Mouse hnRNP E1 Polyclonal Antibody | anti-hnRNP-E1 antibody

hnRNP E1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327695	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

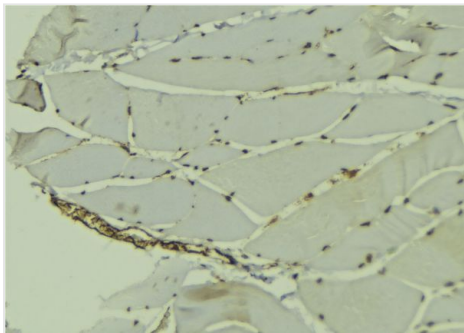
PRODUCT SYNONYMS

hnRNP E1; Polyclonal Antibody; hnRNP E1 Antibody; Alpha-CP1; Heterogeneous nuclear ribonucleoprotein E1; heterogenous nuclear ribonucleoprotein E1; heterogenous nuclear ribonucleoprotein X; hnRNP-X; HNRPE1; HNRPX; nucleic acid binding protein sub 2.3; Nucleic acid-binding protein SUB2.3; PCBP1; PCBP1_HUMAN; poly(rC) binding protein 1; Poly(rC)-binding protein 1; rCbinding protein 1; anti-hnRNP-E1 antibody

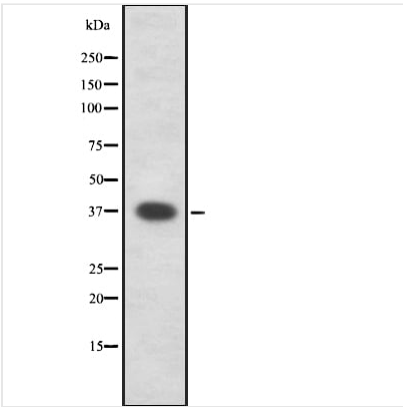
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	hnRNP E1 antibody detects endogenous levels of total hnRNP E1
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	356
Applicable Applications for anti-hnRNP-E1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human hnRNP E1
Subcellular Location	Nucleus. Cytoplasm. Loosely bound in the nucleus. May shuttle between the nucleus and the cytoplasm.
Tissue Specificity	Abundantly expressed in skeletal muscle, thymus and peripheral blood leukocytes while a lower expression is observed in prostate, spleen, testis, ovary, small intestine, heart, liver, adrenal and thyroid glands.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA327695 at 1/100 staining Mouse muscle tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of hnRNP E1 using Jurkat whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-hnRNP-E1 antibody	Function: Single-stranded nucleic acid binding protein that binds preferentially to oligo dC. In case of infection by poliovirus, plays a role in initiation of viral RNA replication in concert with the viral protein 3CD (PubMed:12414943). Post-translational Modifications: Phosphorylated; lowers poly(rC)-binding activity.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	222352151
NCBI GeneID	5093
NCBI Accession #	NP_006187.2
NCBI GenBank Nucleotide #	NM_006196.3
UniProt Accession #	Q15365; Q13157; Q14975
Molecular Weight	Observed: 37 kDa Predicted: 38 kDa
NCBI Official Full Name	poly(rC)-binding protein 1
NCBI Official Synonym Full Names	poly(rC) binding protein 1
NCBI Official Symbol	PCBP1
NCBI Official Synonym Symbols	HNRPX; HNRPE1; hnRNP-X; HEL-S-85; hnRNP-E1
NCBI Protein Information	poly(rC)-binding protein 1
UniProt Protein Name	Poly(rC)-binding protein 1
UniProt Gene Name	PCBP1
UniProt Synonym Gene Names	hnRNP E1

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.