

Rabbit anti-Human hnRNP E1/PCBP1 Monoclonal Antibody | anti-PCBP1 antibody

hnRNP E1/PCBP1 Rabbit mAb

CATALOG # AAA282723	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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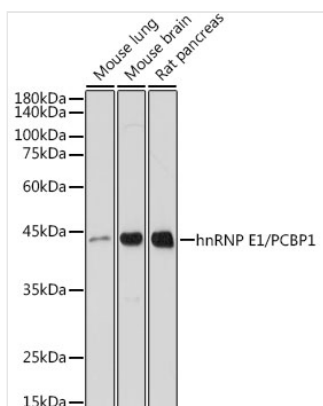
PRODUCT SYNONYMS

hnRNP E1/PCBP1; Monoclonal Antibody; hnRNP E1/PCBP1 Rabbit mAb; HNRPX; HNRPE1; hnRNP-X; HEL-S-85; hnRNP-E1; anti-PCBP1 antibody

PRODUCT SPECIFICATIONS

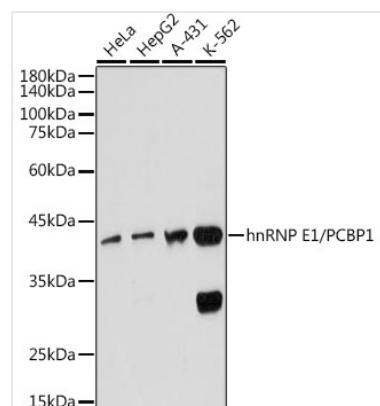
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	MDAGVTESGL NVTLTIRLLM HGKEVGSIG KKGESVKRIR EESGARINIS EGNCPERIIT LTGPTNAIFK AFAMIIDKLE EDINSSMTNS TAASRPPVTL
Applicable Applications for anti-PCBP1 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human PCBP1 (Q15365).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of various lysates using hnRNP E1/PCBP1 Rabbit mAb (AAA282723) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



WB (Western Blot)

Western blot analysis of various lysates using hnRNP E1/PCBP1 Rabbit mAb (AAA282723) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-PCBP1 antibody	This intronless gene is thought to have been generated by retrotransposition of a fully processed PCBP-2 mRNA. This gene and PCBP-2 have paralogues (PCBP3 and PCBP4) which are thought to have arisen as a result of duplication events of entire genes. The protein encoded by this gene appears to be multifunctional. It along with PCBP-2 and hnRNPK corresponds to the major cellular poly(rC)-binding protein. It contains three K-homologous (KH) domains which may be involved in RNA binding. This encoded protein together with PCBP-2 also functions as translational coactivators of poliovirus RNA via a sequence-specific interaction with stem-loop IV of the IRES and promote poliovirus RNA replication by binding to its 5'-terminal cloverleaf structure. It has also been implicated in translational control of the 15-lipoxygenase mRNA, human Papillomavirus type 16 L2 mRNA, and hepatitis A virus RNA. The encoded protein is also suggested to play a part in formation of a sequence-specific alpha-globin mRNP complex which is associated with alpha-globin mRNA stability.
Product Categories/Family for anti-PCBP1 antibody	Epigenetics Nuclear Signaling; RNA Binding; Antibodies

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	Calculated MW: 37kDa Observed MW: 40kDa
UniProt Protein Name	Poly(rC)-binding protein 1
UniProt Gene Name	PCBP1
UniProt Synonym Gene Names	hnRNP E1
UniProt Entry Name	PCBP1_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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/hnrbp-e1-pcbp1-antibody-western-blot-elisa/282723>