

rabbit hnRNP E1/PCBP1 Polyclonal Antibody | anti-hnRNPE1/PCBP1 antibody

[KO Validated] hnRNP E1/PCBP1 Rabbit pAb

CATALOG # AAA282236	HOST rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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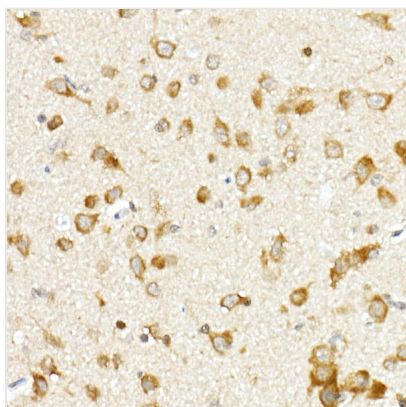
PRODUCT SYNONYMS

hnRNP E1/PCBP1; Polyclonal Antibody; [KO Validated] hnRNP E1/PCBP1 Rabbit pAb; PCBP1; HEL-S-85; HNRPE1; HNRPX; hnRNP-E1; hnRNP-X; poly(rC)-binding protein 1; anti-hnRNPE1/PCBP1 antibody

PRODUCT SPECIFICATIONS

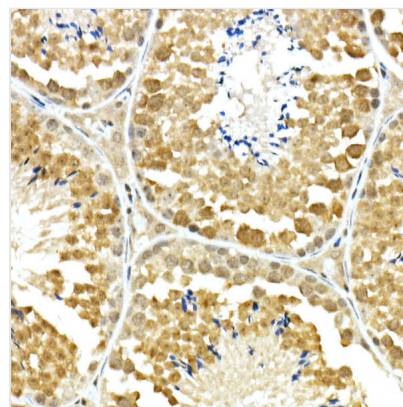
Host	rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Applicable Applications for anti-hnRNPE1/PCBP1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Positive Samples	HepG2, NIH/3T3, Rat pancreas, HeLa
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human hnRNP E1/PCBP1 (NP_006187.2).
Cellular Location	Cytoplasm, Nucleus
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



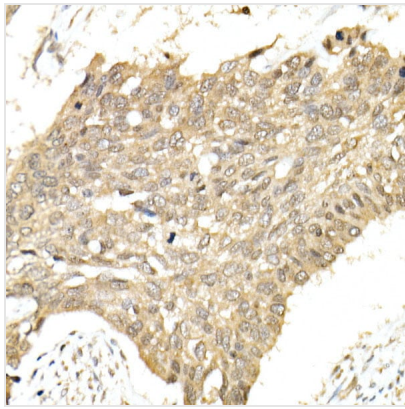
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using hnRNP E1/PCBP1 Rabbit pAb at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



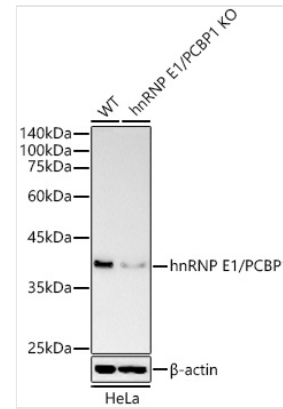
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse testis using hnRNP E1/PCBP1 Rabbit pAb at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



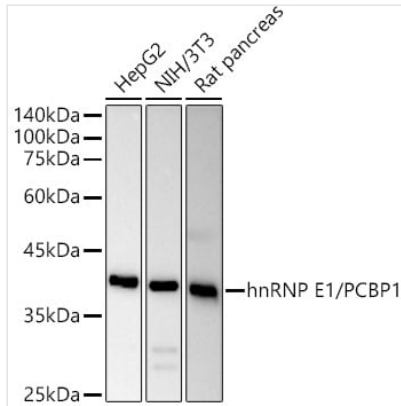
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human esophageal cancer using hnRNP E1/PCBP1 Rabbit pAb at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



WB (Western Blot)

Western blot analysis of extracts from wild type (WT) and hnRNP E1/PCBP1 knockout (KO) HeLa cells, using hnRNP E1/PCBP1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-hnRNP E1/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 hnRNP K 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-hnRNP E1/PCBP1 antibody

[Epigenetics & Nuclear Signaling](#); [RNA Binding](#); [Polyclonal Antibodies](#)

NCBI AND UNIPROT INFORMATION

NCBI GeneID	5093
UniProt Accession #	C6L686
Molecular Weight	Observed MW: 40KDa Calculated MW: 37kDa

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/polyclonal/hnrnp-e1-pcbp1-antibody-immunohistochemistry-western-blot-elisa/282236>