

Rabbit anti-Human hnRNP E2/PCBP2 Monoclonal Antibody | anti-PCBP2 antibody

hnRNP E2/PCBP2 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282885	Rabbit	Human	ELISA, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

hnRNP E2/PCBP2; Monoclonal Antibody; hnRNP E2/PCBP2 Rabbit mAb; HNRPE2; HNRNPE2; hnRNP-E2; anti-PCBP2 antibody

PRODUCT SPECIFICATIONS

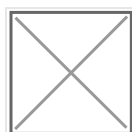
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	PDLEGPPLEA YTIQGQYAIP QPDLTKLHQL AMQQSHFPMT HGNTGFSGIE SSSPEVKGYW GLDASAQTTS HELTIPNDLI GCIIGRQGAK INEIRQMSG A QIKIANPVEG STDRQVTITG SAASISLAQY L
Applicable Applications for anti-PCBP2 antibody	ELISA, IP (Immunoprecipitation), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 220-350aa of human hnRNP E2/PCBP2 (NP_001122383.1)
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



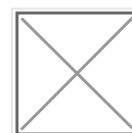
IP (Immunoprecipitation)

Immunoprecipitation analysis of 300ug extracts of HeLa cells using 3ug hnRNP E2/PCBP2 antibody (AAA282885). Western blot was performed from the immunoprecipitate using hnRNP E2/PCBP2 antibody (AAA282885) at a dilution of 1:1000.



WB (Western Blot)

Western blot analysis of various lysates using hnRNP E2/PCBP2 Rabbit mAb (AAA282885) 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: 180s.



WB (Western Blot)

Western blot analysis of various lysates using hnRNP E2/PCBP2 Rabbit mAb (AAA282885) 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 Enhanced Kit (RM00021). Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-PCBP2 antibody	The protein encoded by this gene appears to be multifunctional. Along with PCBP-1 and hnRNPk, it is one of the major cellular poly(rC)-binding proteins. The encoded protein contains three K-homologous (KH) domains which may be involved in RNA binding. Together with PCBP-1, this protein also functions as a translational coactivator of poliovirus RNA via a sequence-specific interaction with stem-loop IV of the IRES, promoting 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. This multiexon structural mRNA is thought to be retrotransposed to generate PCBP-1, an intronless gene with functions similar to that of PCBP2. This gene and PCBP-1 have paralogous genes (PCBP3 and PCBP4) which are thought to have arisen as a result of duplication events of entire genes. This gene also has two processed pseudogenes (PCBP2P1 and PCBP2P2). Multiple transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-PCBP2 antibody	Epigenetics Nuclear Signaling; RNA Binding; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	6707736
NCBI GeneID	5094
UniProt Accession #	Q15366; Q32Q82; Q59HD4; Q68Y55; Q6IPF4; Q6PKG5; A8K7X6; F8VYL7; G3V0E8; I6L8F9
Molecular Weight	Calculated MW: 39kDa Observed MW: 35-45kDa
UniProt Protein Name	Poly(rC)-binding protein 2
UniProt Gene Name	PCBP2
UniProt Synonym Gene Names	hnRNP E2
UniProt Entry Name	PCBP2_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/hnrrnp-e2-pcbp2-antibody-immunoprecipitation-western-blot-elisa/282885>