

Rabbit anti-Human PCBP2 Polyclonal Antibody | anti-PCBP2 antibody

PCBP2 antibody

CATALOG # AAA305453	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

PCBP2; Polyclonal Antibody; PCBP2 antibody; HNRPE2; MGC110998; hnRNP-E2; anti-PCBP2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	362
Applicable Applications for anti-PCBP2 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide contain a sequence corresponding to a region within amino acids 299 and 362 of PCBP2
Target Name	PCBP2
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using PCBP2 antibody at 1:200 dilution.



Application Data

Sample (30 ug of whole cell lysate) A: Hep G2 10% SDS PAGE Primary antibody diluted at 1:500

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. [provided by RefSeq]
Product Categories/Family for anti-PCBP2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	14141166
NCBI GeneID	5094
NCBI Accession #	NP_114366
NCBI GenBank Nucleotide #	NM_031989.4
Molecular Weight	33,926 Da
NCBI Official Full Name	poly(rC)-binding protein 2 isoform b
NCBI Official Synonym Full Names	poly(rC) binding protein 2
NCBI Official Symbol	PCBP2
NCBI Official Synonym Symbols	HNRPE2; HNRNPE2; hnRNP-E2
NCBI Protein Information	poly(rC)-binding protein 2
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.