

Rabbit PCBP2 Polyclonal Antibody | anti-PCBP2 antibody

PCBP2 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198704	Rabbit	Cow, Guinea Pig, Horse, Human, Mouse, Rat	Western Blot, Immunohistochemistry

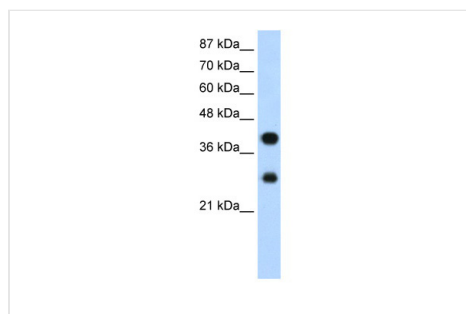
PRODUCT SYNONYMS

PCBP2; Polyclonal Antibody; PCBP2 antibody - middle region; anti-PCBP2 antibody

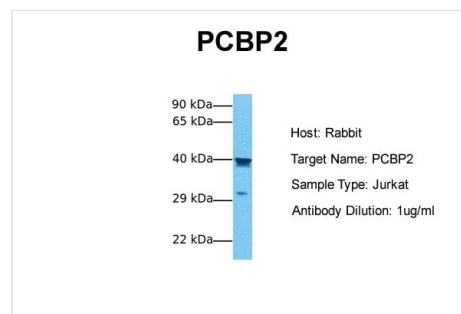
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Guinea Pig, Horse, Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: VI FAGGQDRYST GSDSASFPHT TPSMCLNPDLEGGPLEAYTI QGQYAIPQ
Sequence Length	366
Applicable Applications for anti-PCBP2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PCBP2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

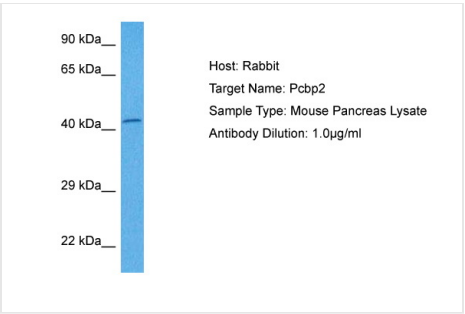
IMAGES


WB (Western Blot)

WB Suggested Anti-PCBP2 Antibody Titration: 1.25ug/ml
Positive Control: Jurkat cell lysate
There is BioGPS gene expression data showing that PCBP2 is expressed in Jurkat

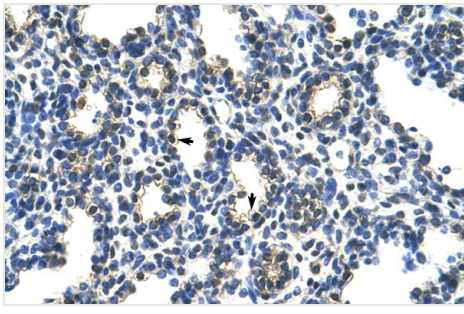

WB (Western Blot)

Host: Rabbit
Target Name: PCBP2
Sample Tissue: Human Jurkat
Antibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: MouseTarget Name: PCBP2Sample Tissue: Mouse PancreasAntibody Dilution: 1ug/ml



IHC (Immunohistochemistry)

Rabbit Anti-PCBP2 AntibodyParaffin Embedded Tissue: Human LungCellular Data: Alveolar cellsAntibody Concentration: 4.0-8.0 ug/mlMagnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-PCBP2 antibody	This is a rabbit polyclonal antibody against PCBP2. It was validated on Western Blot and immunohistochemistry Target Description: PCBP2 appears to be multifunctional. It along with PCBP-1 and hnRNPK corresponds to the major cellular poly(rC)-binding proteins. This protein together with PCBP-1 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 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 gene and PCBP-1 has paralogues PCBP3 and PCBP4 which is thought to arose as a result of duplication events of entire genes.The protein encoded by this gene appears to be multifunctional. It along with PCBP-1 and hnRNPK corresponds to the major cellular poly(rC)-binding proteins. It contains three K-homologous (KH) domains which may be involved in RNA binding. This encoded protein together with PCBP-1 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. This multiexon structural mRNA is thought to be retrotransposed to generate PCBP-1 intronless gene which has similar functions. This gene and PCBP-1 has paralogues PCBP3 and PCBP4 which is thought to arose as a result of duplication events of entire genes. It also has two processed pseudogenes PCBP2P1 and PCBP2P2. There are presently two alternatively spliced transcript variants described for this gene.
Product Categories/Family for anti-PCBP2 antibody	Polyclonal ; RNA Binding Proteins ; Drugs and Drug Metabolism ; DNA/RNA/Protein Interactions ; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	14141168
NCBI GeneID	5094
NCBI Accession #	NP_005007
NCBI GenBank Nucleotide #	NM_005016
UniProt Accession #	Q6IPF4 ; Q15366
Molecular Weight	40kDa
NCBI Official Full Name	poly(rC)-binding protein 2 isoform a
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

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/pcbp2-antibody-western-blot-immunohistochemistry-elisa/198704>