

Datasheet for ABIN1886337
anti-PCBP2 antibody (AA 299-362)



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Overview

Quantity:	100 µL
Target:	PCBP2
Binding Specificity:	AA 299-362
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCBP2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Synthetic peptide contain a sequence corresponding to a region within amino acids 299 and 362 of PCBP2
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	PCBP2
Alternative Name:	PCBP2 (PCBP2 Products)
Background:	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-

Target Details

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]

Synonyms: HNRPE2, MGC110998, hnRNP-E2

Molecular Weight: 38 kDa

Gene ID: 5094

NCBI Accession: [NM_031989](#), [NP_114366](#)

Application Details

Application Notes: Suggested dilutions:
Western blotting: 1.500-1.3000
Immunofluorescence: 1.100-1.200

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: 0.1 M Tris-buffered saline with 10 % Glycerol (pH 7.0). 0.01 % Thimerosal was added as a preservative.

Preservative: Thimerosal (Merthiolate)

Precaution of Use: Biohazard Informations: This product contains thimerosal which is hazardous.

Storage: 4 °C/-20 °C

Storage Comment: Store at -20 °C for long term preservation (recommended). Store at 4 °C for short term use.