

Datasheet for ABIN7384479 **anti-PCBP2 antibody**

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Overview

Quantity:	50 µL
Target:	PCBP2
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This PCBP2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Clone:	R01-2F5
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	PCBP2
Alternative Name:	PCBP2 (PCBP2 Products)
Background:	PCBP2,HNRNPE2,HNRPE2,hnRNP-E2,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,

Target Details

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.

Molecular Weight: Observed_MW: 35/45kDa
Calculated_MW: 39kDa

Gene ID: 5094

UniProt: [Q15366](#)

Application Details

Application Notes: WB 1:500-1:1000

Restrictions: For Research Use only

Handling

Concentration: 300 µg/mL

Buffer: 50 mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40 % Glycerol, 0.01 % Sodium azide and 0.05 % BSA

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.