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Datasheet for ABIN6145277
anti-PCBP1 antibody (AA 100-200)

4 Images

Overview

Quantity:	100 µL
Target:	PCBP1
Binding Specificity:	AA 100-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCBP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human hnRNP E1/hnRNP E1/PCBP1 (NP_006187.2).
Sequence:	LRLVVPATQC GSLIGKGGCK IKEIRESTGA QVQVAGDMLP NSTERAITIA GVPQSVTECV KQICLVMLET LSQSPQGRVM TIPYQPMPAS SPVICAGGQD R
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	PCBP1
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Target Details

Alternative Name: PCBP1 ([PCBP1 Products](#))

Background: This intronless gene is thought to have been generated by retrotransposition of a fully processed PCBP-2 mRNA. This gene and PCBP-2 have paralogues (PCBP3 and PCBP4) which are thought to have arisen as a result of duplication events of entire genes. The protein encoded by this gene appears to be multifunctional. It along with PCBP-2 and hnRNPK corresponds to the major cellular poly(rC)-binding protein. It contains three K-homologous (KH) domains which may be involved in RNA binding. This encoded protein together with PCBP-2 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.,PCBP1,HEL-S-85,HNRPE1,HNRPX,hnRNP-E1,hnRNP-X,Epigenetics & Nuclear Signaling,RNA Binding,PCBP1

Molecular Weight: 37 kDa

Gene ID: 5093

UniProt: [Q15365](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IF,1:50 - 1:200

Comment: HIGH QUALITY

Restrictions: For Research Use only

Handling

Format: Liquid

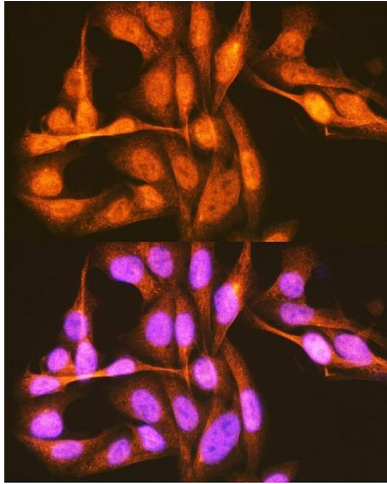
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

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

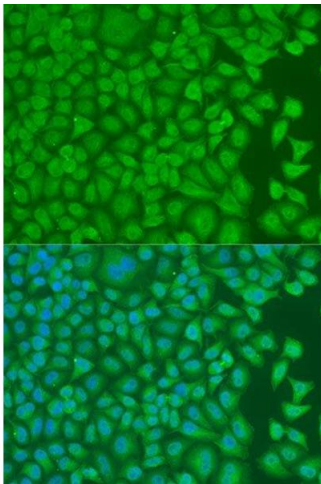
Storage: -20 °C

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



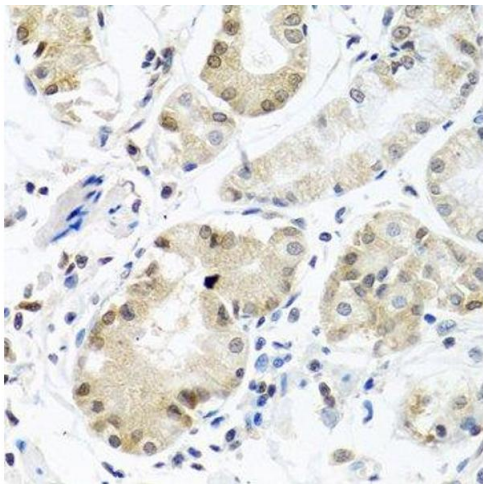
Immunofluorescence

Image 1. Immunofluorescence analysis of U-2 OS cells using hnRNP E1/hnRNP E1/PCBP1 Rabbit pAb (ABIN6134408, ABIN6145277, ABIN6145278 and ABIN6214692) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence

Image 2. Immunofluorescence analysis of U2OS cells using PCBP1 antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded human stomach using PCBP1 antibody.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6145277.