

32-6194: Recombinant Human Poly (RC) Binding Protein 1(Clone: PAT2A10AT)

Clonality :	Monoclonal
Clone Name :	PAT2A10AT
Application :	ELISA, WB
Gene :	PCBP1
Gene ID :	5093
Uniprot ID :	Q15365
Format :	Purified
Alternative Name :	Poly(rC) binding protein 1, hnRNP-E1, hnRNP-X, HNRPE1, HNRPX, Alpha-CP1, Heterogeneous nuclear ribonucleoprotein E1, Nucleic acid-binding protein SUB2.3, PCBP1.
Isotype :	Mouse IgG2a heavy chain and k light chain.
Immunogen Information :	Anti-human PCBP1 mAb, clone PAT2A10AT, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human PCBP1 protein 1-163 amino acids purified from E. coli.

Description

PCBP1 is a single-stranded nucleic acid binding protein that binds preferentially to oligo dC. PCBP1 plays a role in formation of a sequence-specific alpha-globin mRNP complex which is associated with alpha-globin mRNA stability. PCBP1 along with PCBP-2 and hnRNPK corresponds to the major cellular poly(rC)-binding protein. PCBP1 and PCBP-2 also functions as translational coactivators of poliovirus RNA via a sequence-specific interaction with stem-loop IV of the IRES and promotes poliovirus RNA replication by binding to its 5'-terminal cloverleaf structure.

Product Info

Amount :	20 µg
Purification :	PCBP1 antibody was purified from mouse ascitic fluids by protein-A affinity chromatography.
Content :	1mg/ml containing PBS, pH-7.4, 10% Glycerol and 0.02% Sodium Azide.
Storage condition :	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Application Note

The antibody has been tested by ELISA, Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended starting dilution is 1:500.