



Anti-PCBP4 (aa 130-239) polyclonal antibody (DPAB-DC2563)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the KH-domain protein subfamily. Proteins of this subfamily, also referred to as alpha-CPs, bind to RNA with a specificity for C-rich pyrimidine regions. Alpha-CPs play important roles in post-transcriptional activities and have different cellular distributions. This gene is induced by the p53 tumor suppressor, and the encoded protein can suppress cell proliferation by inducing apoptosis and cell cycle arrest in G(2)-M. This gene's protein is found in the cytoplasm, yet it lacks the nuclear localization signals found in other subfamily members. Multiple alternatively spliced transcript variants have been described, but the full-length nature for only some has been determined.
Immunogen	PCBP4 (NP_127503, 130 a.a. ~ 239 a.a) partial recombinant protein with GST tag. The sequence is TTGAQVQVAGDLLPNSTERAVTVSGVPDAIILCVRQICAVILESPPKGATIPYHPSLSLG TVLLSANQGFSVQQYGAVTPEAVTKLQQLSSHAVPFATPSVVPGLDPGT
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	PCBP4 poly(rC) binding protein 4 [Homo sapiens (human)]
Official Symbol	PCBP4
Synonyms	PCBP4; poly(rC) binding protein 4; CBP; LIP4; MCG10; poly(rC)-binding protein 4; alpha-CP4; LYST-interacting protein; RNA binding protein MCG10;
Entrez Gene ID	57060
Protein Refseq	NP_001167571
UniProt ID	A0A024R320
Chromosome Location	3p21
Pathway	Direct p53 effectors.
Function	DNA binding; RNA binding; poly(A) RNA binding;