



## PCBP4 blocking peptide (CDBP5736)

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

### PRODUCT INFORMATION

<b>Antigen Description</b>	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. [provided by RefSeq, Jul 2008]
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Used as a blocking peptide in immunoblotting applications.
<b>Format</b>	Liquid
<b>Concentration</b>	200 µg/mL
<b>Size</b>	0.05 mg
<b>Preservative</b>	None
<b>Storage</b>	-20°C

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">PCBP4 poly(rC) binding protein 4 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	PCBP4
<b>Synonyms</b>	PCBP4; poly(rC) binding protein 4; CBP; LIP4; MCG10; poly(rC)-binding protein 4; alpha-CP4; LYST-interacting protein; RNA binding protein MCG10

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<b>Entrez Gene ID</b>	<a href="#">57060</a>
<b>mRNA Refseq</b>	<a href="#">NM_001174100</a>
<b>Protein Refseq</b>	<a href="#">NP_001167571</a>
<b>UniProt ID</b>	P57723
<b>Pathway</b>	Direct p53 effectors
<b>Function</b>	DNA binding; RNA binding; poly(A) RNA binding

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