



## Human NCBP1 blocking peptide (CDBP1978)

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

### PRODUCT INFORMATION

<b>Product Overview</b>	Blocking/Immunizing peptide for anti-NCBP1/CBP80 antibody
<b>Antigen Description</b>	The product of this gene is a component of the nuclear cap-binding protein complex (CBC), which binds to the monomethylated 5' cap of nascent pre-mRNA in the nucleoplasm. The encoded protein promotes high-affinity mRNA-cap binding and associates with the CTD of RNA polymerase II. The CBC promotes pre-mRNA splicing, 3'-end processing, RNA nuclear export, and nonsense-mediated mRNA decay. [provided by RefSeq, Jul 2008]
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Ahuri, BL, ELISA
<b>Format</b>	Lyophilized powder
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	Shipped at ambient temperature, store at -20°C.

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">NCBP1 nuclear cap binding protein subunit 1, 80kDa [ Homo sapiens ]</a>
<b>Official Symbol</b>	NCBP1
<b>Synonyms</b>	NCBP1; nuclear cap binding protein subunit 1, 80kDa; NCBP, nuclear cap binding protein subunit 1, 80kD; nuclear cap-binding protein subunit 1; CBP80; Sto1; NCBP 80 kDa subunit; 80 kDa nuclear cap-binding protein; NCBP; MGC2087;

<b>Entrez Gene ID</b>	<a href="#">4686</a>
<b>mRNA Refseq</b>	<a href="#">NM_002486</a>
<b>Protein Refseq</b>	<a href="#">NP_002477</a>
<b>UniProt ID</b>	Q09161
<b>Chromosome Location</b>	9q34.1
<b>Pathway</b>	Abortive elongation of HIV-1 transcript in the absence of Tat, organism-specific biosystem; Cap binding complex, organism-specific biosystem; Cleavage of Growing Transcript in the Termination Region, organism-specific biosystem; Disease, organism-specific biosystem; Formation of HIV-1 elongation complex containing HIV-1 Tat, organism-specific biosystem; Formation of HIV-1 elongation complex in the absence of HIV-1 Tat, organism-specific biosystem; Formation of RNA Pol II elongation complex, orga
<b>Function</b>	RNA binding; RNA cap binding; protein binding;