



CBP20 mouse mAb

Catalog No	YP-mAb-17917
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	NCBP2
Immunogen	Synthetic peptide corresponding to amino acids N-terminus of Human CBP20.
Specificity	
Formulation	
Source	
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	NCBP2;NCBP-interacting protein 1;NCBP 20 kDa subunit;Cell proliferation-inducing gene 55 protein;CBC2;Nuclear cap-binding protein subunit 2;20 kDa nuclear cap-binding protein;Cell proliferation-inducing gene 55protein;CBP20;NIP1;ORF Names: PIG55
Observed Band	18 kDa
Calculated Molecular Weight	156 aa, 18 kDa
Cell Pathway	
Tissue Specificity	
Function	
Background	In eukaryotes, the majority of mRNAs have an m(7)G cap, which is added cotranscriptionally and plays a critical role in many aspects of mRNA metabolism. The effect of the cap on translation is mediated by the initiation factor eIF-4F, whereas the effect on pre-mRNA splicing involves a nuclear complex (CBC). CBC consists of two cap binding proteins, CBP20 and CBP80, which mediate the stimulatory functions of the cap in pre-mRNA splicing, 3' end formation and U snRNA export. The genes CBC1 and CBC2 encode CBP80



and CBP20, respectively. CBP80 comprises three domains, each containing a MIF4G domain. CBP20 has an RNAP fold and associates with the second and third domains of CBP80.

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images