



# CBP20 mouse mAb

Catalog No	BYmab-17917
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	NCBP2
Protein Name	
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 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Nuclear cap-binding protein subunit 2; 20 kDa nuclear cap-binding protein; Cell proliferation-inducing gene 55protein; NCBP 20 kDa subunit; CBP20; NCBP-interacting protein 1; NIP1; NCBP2; CBP20; ORF Names: PIG55
Observed Band	
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,

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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