



CBP20 Monoclonal Antibody

Catalog No	YP-mAb-01590
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	NCBP2
Immunogen	The antiserum was produced against synthesized peptide derived from human NCBP2. AA range:10-59
Specificity	CBP20 Monoclonal Antibody detects endogenous levels of CBP20 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
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;CBP20;Nuclear cap-binding protein subunit 2;PIG55;20 kDa nuclear cap-binding protein;NIP1
Observed Band	18kD
Calculated Molecular Weight	18kD
Cell Pathway	Nucleus . Cytoplasm .
Tissue Specificity	Cervix,Cervix carcinoma,Human small intestine,
Function	function:Involved in mediating U snRNA export from the nucleus. Binds to 5' capped mRNA.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the RRM NCBP2 family.,similarity:Contains 1 RRM (RNA recognition motif) domain.,subunit:Found in a U snRNA export complex with RNUXA/PHAX, NCBP1, NCBP2, RAN, XPO1 and m7G-capped RNA (By similarity). Heterodimer with NCBP1. Is part of the exon junction complex (EJC) containing NCBP1, NCBP2, RNPS1, RBM8A, SRRM1, NXF1, UPF3B, UPF2, THOC4 and/or REFBP2.,



Background

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 has an RNP domain commonly found in RNA binding proteins, and contains the cap-binding activity. The CBC promotes pre-mRNA splicing, 3'-end processing, RNA nuclear export, and nonsense-mediated mRNA decay. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],

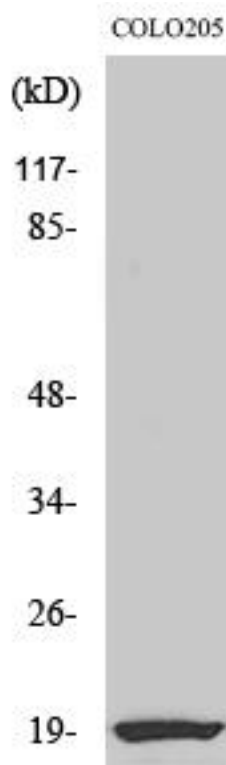
matters needing attention

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



Western Blot analysis of various cells using CBP20 Monoclonal Antibody