
Product Name: CBP20 Rabbit Polyclonal Antibody**Catalog #: APRab08042**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:5000-1:10000
Molecular Weight	18kDa

Antigen Information

Gene Name	NCBP2 NCBP2; CBP20; PIG55; Nuclear cap-binding protein subunit 2; 20 kDa nuclear cap-binding
Alternative Names	protein; Cell proliferation-inducing gene 55 protein; NCBP 20 kDa subunit; CBP20; NCBP-interacting protein 1; NIP1
Gene ID	22916.0
SwissProt ID	P52298
Immunogen	The antiserum was produced against synthesized peptide derived from human NCBP2. AA range:10-59

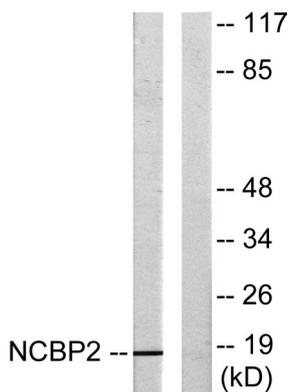
Background

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],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.,

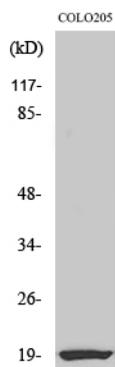
Research Area

Spliceosome;

Image Data



Western blot analysis of lysates from COLO205 cells, using NCBP2 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using CBP20 Polyclonal Antibody