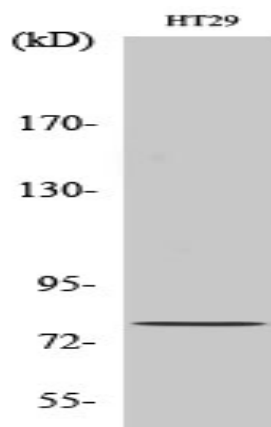


CBP80 Polyclonal Antibody

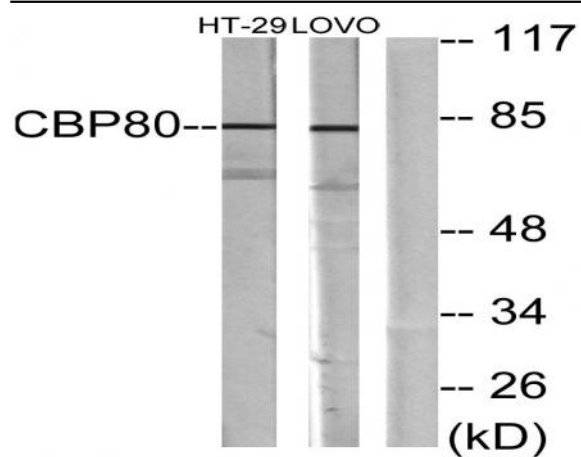
Catalog No :	YT0697
Reactivity :	Human;Mouse;Rat
Applications :	WB;IHC;IF;ELISA
Target :	CBP80
Fields :	>>Nucleocytoplasmic transport;>>mRNA surveillance pathway;>>Spliceosome;>>Amyotrophic lateral sclerosis
Gene Name :	NCBP1
Protein Name :	Nuclear cap-binding protein subunit 1
Human Gene Id :	4686
Human Swiss Prot No :	Q09161
Mouse Gene Id :	433702
Mouse Swiss Prot No :	Q3UYV9
Rat Gene Id :	298075
Rat Swiss Prot No :	Q56A27
Immunogen :	The antiserum was produced against synthesized peptide derived from human NCBP1. AA range:1-50
Specificity :	CBP80 Polyclonal Antibody detects endogenous levels of CBP80 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:20000.. IF 1:50-200

Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	80kD
Cell Pathway :	Spliceosome;
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 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],
Function :	function:Involved in mediating U snRNA export from the nucleus. Binds to 5' capped mRNA.,similarity:Belongs to the NCBP1 family.,similarity:Contains 1 MIF4G domain.,subunit:Found in a U snRNA export complex with RNUXA/PHAX, CBP20, CBP80, RAN, XPO1 and m7G-capped RNA. Interaction with RNUXA/PHAX (By similarity). Heterodimer with NCBP2. Is part of the exon junction complex (EJC) containing NCBP1, NCBP2, RNPS1, RBM8A, SRRM1, NXF1, UPF3B, UPF2, THOC4 and/or REFBP2.,
Subcellular Location :	Nucleus . Cytoplasm . Localized in cytoplasmic mRNP granules containing untranslated mRNAs. .
Expression :	Brain,Epithelium,Placenta,

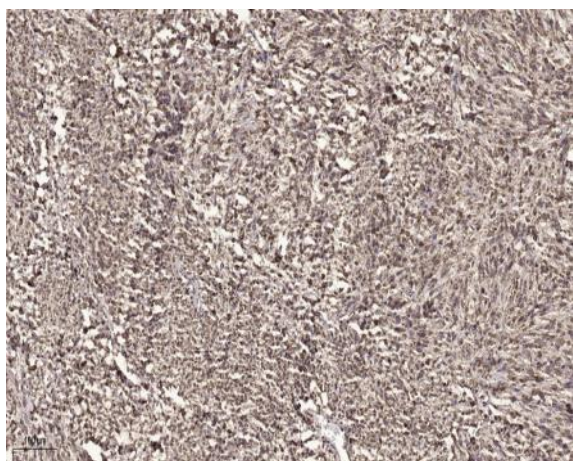
Products Images



Western Blot analysis of various cells using CBP80 Polyclonal Antibody diluted at 1:500



Western blot analysis of lysates from HT-29 and LOVO cells, using NCBP1 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human small intestinal carcinoma tissue. 1, primary Antibody was diluted at 1:200 (4° overnight). 2, Sodium citrate pH 6.0 was used for antigen retrieval (>98° C, 20min). 3, Secondary antibody was diluted at 1:200