

Anti-NCBP1 (RABBIT) Antibody - 600-401-CZ3

Code: 600-401-CZ3

Size: 100 µg

Product Description: Anti-NCBP1 (RABBIT) Antibody - 600-401-CZ3

Concentration: 1 mg/mL by UV absorbance at 280 nm

PhysicalState: Liquid (sterile filtered)

Label	Unconjugated
Host	Rabbit
Gene Name	NCBP1
Species Reactivity	Human, mouse, rat
Buffer	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Stabilizer	None
Preservative	0.02% (w/v) Sodium Azide
Storage Condition	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Synonyms	NCBP1 Antibody, NCBP, Sto1, CBP80, NCBP, Nuclear cap-binding protein subunit 1, 80 kDa nuclear cap-binding protein
Application Note	Anti-NCBP1 Antibody has been tested for use in ELISA, Western Blotting, Immunocytochemistry. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 92 kDa in Western Blots of specific cell lysates and tissues.
Background	NCBP1, also known as CBP80, 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. NCBP1 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 (1,2). Recent evidence has shown that cellular-cap-binding proteins such as NCBP1 associate with influenza virus mRNAs, suggesting that these viral mRNAs may follow the normal cellular pathways for splicing, nuclear export, and translation (3).
Purity And Specificity	Anti-NCBP1 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. NCBP1 antibody is human, mouse and rat reactive. At least two isoforms of NCBP1 are known to exist; this antibody will detect both isoforms of NCBP1.
ELISA	1:10,000-1:20,000
Western Blot	1-2 g/mL
Expiration	Expiration date is one (1) year from date of opening.
Immunogen	Anti-NCBP1 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 17 amino acid peptide near the internal region of human NCBP1.

Related Products

200-301-401	Anti-AKT (MOUSE) Monoclonal Antibody - 200-301-401
611-1302	Anti-RABBIT IgG (H&L) (GOAT) Antibody Peroxidase Conjugated - 611-1302
BSA-50	BOVINE SERUM ALBUMIN - Fraction V (Immunoglobulin and Protease Free) - BSA-50
MB-070	Blocking Buffer for Fluorescent Western Blotting - MB-070

Related Links

UniProtKB - Q09161

<http://www.uniprot.org/uniprot/Q09161>

GeneID - 4686 <http://www.ncbi.nlm.nih.gov/gene/4686>

NCBI - NP_002477

Disclaimer

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