Datasheet for ABIN7600463

anti-NCBP2 antibody (AA 2-102)

Go to Product page

Overview

Quantity:	100 µg
Target:	NCBP2
Binding Specificity:	AA 2-102
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NCBP2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-CBP20/NCBP2 Antibody Picoband®
Immunogen:	E.coli-derived human CBP20/NCBP2 recombinant protein (Position: S2-N102).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-CBP20/NCBP2 Antibody Picoband® (ABIN7600463). Tested in ELISA, IF, IHC, ICC, WB, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	NCBP2
Alternative Name:	NCBP2 (NCBP2 Products)
Background:	Synonyms: BMP and activin membrane-bound inhibitor homolog, Non-metastatic gene A protein, Putative transmembrane protein, NMA, BAMBI, NMA Tissue Specificity: Expressed in adult liver. 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.
Molecular Weight:	18 kDa
Gene ID:	22916
UniProt:	P52298
Pathways:	Ribonucleoprotein Complex Subunit Organization, Methionine Biosynthetic Process

Application Details

Application Notes:	Western blot, 0.1-0.25 µg/mL, Human, Mouse, Rat Immunohistochemistry, 2-5 µg/mL, Human Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Gebhardt, A., Habjan, M., Benda, C., Meiler, A., Haas, D. A., Hein, M. Y., Mann, A., Mann, M., Habermann, B., Pichlmair, A. mRNA export through an additional cap-binding complex consisting of NCBP1 and NCBP3. Nature Commun. 6: 8192, 2015. Note: Electronic Article. 2. Hartz, P. A. Personal Communication. Baltimore, Md. 10/28/2015. 3. Izaurralde, E., Lewis, J., Gamberi, C., Jarmolowski, A., McGuigan, C., Mattaj, I. W. A cap-binding protein complex mediating U snRNA export. Nature 376: 709-712, 1995.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized

Handling

Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.

