

Rabbit NCBP1 Polyclonal Antibody | anti-NCBP1 antibody

Anti-NCBP1 Antibody Picoband

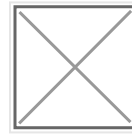
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA19887	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence, Flow Cytometry, Functional Assay, ELISA

PRODUCT SYNONYMS

NCBP1; Polyclonal Antibody; Anti-NCBP1 Antibody Picoband; BAG family molecular chaperone regulator 5; BAG-5; Bcl-2-associated athanogene 5; BAG5; KIAA0873; anti-NCBP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Expressed in all tissues examined with lower levels in brain and testis.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized. Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Applicable Applications for anti-NCBP1 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry), ELISA
Application Notes	WB: 0.25-0.5ug/ml, Human IHC(Paraffin-embedded Section): 2-5ug/ml, Human, Mouse, Rat ICC/IF: 5ug/ml, Human FC/FACS (Fixed): 1-3ug/1x10 ⁶ cells, Human ELISA: 0.1-0.5ug/ml
Immunogen	E coli-derived human NCBP1 recombinant protein (Position: Y121-A790).
Subcellular Localization	Perinuclear region
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500ug/ml.
Cross Reactivity	No cross-reactivity with other proteins.
Protein Function	Inhibits both auto-ubiquitination of PARK2 and ubiquitination of target proteins by PARK2 (By similarity). May function as a nucleotide exchange factor for HSP/HSP70, promoting ADP release, and activating Hsp70-mediated refolding.
Preparation and Storage	At -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months.Avoid repeated freezing and thawing.



IF (Immunofluorescence)

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Related Product Information for anti-NCBP1 antibody	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.
Product Categories/Family for anti-NCBP1 antibody	Primary Antibodies ; Interleukins

References	1. Chadwick, B. P., Obermayr, F., Frischauf, A.-M. Nuclear cap binding protein maps close to the xeroderma pigmentosum complementation group A (XPA) locus in human and mouse. Genomics 35: 632-633, 1996.2. Ishigaki, Y., Li, X., Serin, G., Maquat, L. E. Evidence for a pioneer round of mRNA translation: mRNAs subject to nonsense-mediated decay in mammalian cells are bound by CBP80 and CBP20. Cell 106: 607-617, 2001.3. Izaurrealde, E., Lewis, J., McGulian, M., Jankowska, E., Darzynkewicz, E., Mattaj, I. W. A nuclear cap binding protein complex involved in pre-mRNA splicing. Cell 78: 657-668, 1994.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505343
NCBI GeneID	4686
NCBI Accession #	NP_002477.1
NCBI GenBank Nucleotide #	NM_002486.4
UniProt Accession #	Q09161; Q59G76; Q5T1V0; Q5T7X2; B2R718
Molecular Weight	91,839 Da
NCBI Official Full Name	nuclear cap-binding protein subunit 1
NCBI Official Synonym Full Names	nuclear cap binding protein subunit 1, 80kDa
NCBI Official Symbol	NCBP1
NCBI Official Synonym Symbols	NCBP; Sto1; CBP80
NCBI Protein Information	nuclear cap-binding protein subunit 1; NCBP 80 kDa subunit; 80 kDa nuclear cap-binding protein
UniProt Protein Name	Nuclear cap-binding protein subunit 1
UniProt Gene Name	NCBP1
UniProt Synonym Gene Names	CBP80; NCBP; CBP80
UniProt Entry Name	NCBP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.