

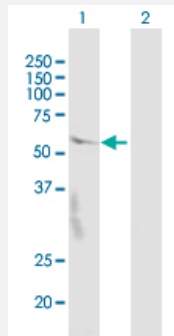
MaxPab®

CRBN purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00051185-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CRBN expression in transfected 293T cell line ([H00051185-T01](#)) by CRBN MaxPab polyclonal antibody.

Lane 1: CRBN transfected lysate(48.62 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human CRBN protein.

Immunogen

CRBN (NP_057386.2, 1 a.a. ~ 442 a.a) full-length human protein.

Sequence

MAGEGDQQDAAHNMGHPLLPAAESEEEDEMEVEDQDSKEAKKPNINFDTSLPTSHTYLGADM
EEFHGRTLHDDDDSCQVIPVLPQVMMILIPGQTLPLQLFHPQEVSMVRNLIQKDRTFAYLAYSNVQE
REAQFGTTAEIYAYREEQDFGIEMKVKAIGRQRFKVLRLTQSDGIQQAQVQILPECVLPSTMSAV
QLESLNKCQIFPSKPVSRDQCSYKWWQKYQKRKFHCANLTSWPRWLYSLYDAETLMDRIKKQL
REWDENLKDDSLPSNPIDFSYRVAACLPIDDLRIQLLKIGSAIQLRCELDIMNKCTSLCCKQCQE
TEITTKNEIFSLSLCGPMAAYVNPBGYVHETLTVYKACNLNLIGRPSTEHSWFPGYAWTVAQCKICA
SHIGWKFTATKKDMSPQKFWGLTRSALLPTIPDTEDEISPDKVILCL

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (94); Rat (95)

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — CRBN

Entrez GeneID [51185](#)

GeneBank Accession# [NM_016302.2](#)

Protein Accession# [NP_057386.2](#)

Gene Name CRBN

Gene Alias DKFZp781K0715, MGC27358, MRT2A

Gene Description cereblon

Omim ID [607417 609262](#)

Gene Ontology [Hyperlink](#)

Gene Summary non-syndromic

Other Designations mental retardation, non-syndromic, autosomal recessive, 2A|protein x 0001

Publication Reference

- [Effects of cereblon on stress-activated redox proteins and core behavior.](#)

Uroos Akber, Sunhwa Bong, Zee-Yong Park, Chul-Seung Park.

Brain Research 2022 oct; 1793:148054.

Application: WB, Mouse, Mouse brain tissue

- [The Neuroprotective Effect of Thalidomide against Ischemia through the Cereblon-mediated Repression of AMPK Activity.](#)

Sawamura N, Yamada M, Fujiwara M, Yamada H, Hayashi H, Takagi N, Asahi T.

Scientific Reports 2018 Feb; 8:2459.

Application: IP-WB, Human, SH-SY5Y cells

- [CRL4A\(CRBN\) E3 ubiquitin ligase restricts BK channel activity and prevents epileptogenesis.](#)

Liu J, Ye J, Zou X, Xu Z, Feng Y, Zou X, Chen Z, Li Y, Cang Y.

Nature Communications 2014 May; 5:3924.

Application: WB-Tr, Human, HEK 293T cells

- [Deficient Import of Acetyl-CoA into the ER Lumen Causes Neurodegeneration and Propensity to Infections, Inflammation, and Cancer.](#)

Peng Y, Li M, Clarkson BD, Pehar M, Lao PJ, Hillmer AT, Barnhart TE, Christian BT, Mitchell HA, Bendlin BB, Sandor M, Puglielli L.

The Journal of Neuroscience 2014 May; 34(20):6672.

- [Identification of salt-inducible kinase 3 as a novel tumor antigen associated with tumorigenesis of ovarian cancer.](#)

Charoenfuprasert S, Yang YY, Lee YC, Chao KC, Chu PY, Lai CR, Hsu KF, Chang KC, Chen YC, Chen LT, Chang JY, Leu SJ, Shih NY.

Oncogene 2011 Aug; 30(33):3570.

Application: IHC-P, WB-Ce, Human, CA502 ascitic tumor cells, IOSE385, OVCAR3, SK-OV3 cells, Human ovarian cancer