

# Product Datasheet

## CRBN Antibody H0051185-B01P

Unit Size: 0.05 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00051185-B01P**

## CRBN Antibody

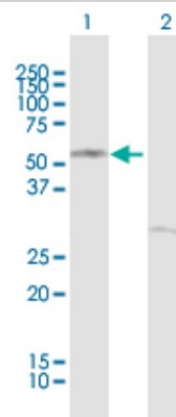
Product Information	
Unit Size	0.05 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.4)

Product Description	
Host	Mouse
Gene ID	51185
Gene Symbol	CRBN
Species	Human
Specificity/Sensitivity	CRBN - cereblon,
Immunogen	CRBN (NP_057386.2, 1 a.a. - 442 a.a.) full-length human protein. MAGEGDQQDAAHNMGHLLPLPAESEEEDEMEVEDQDSKEAKKPNIINFDTSLPTSHTYLGADMEEFHGRTHLHDDDDSCQVIPVLPQVMMILIPGQTLPLQLFHPQEVSMVRNLIQKDRTFAYLAYSINVQEREAQFGTTAEIYAYREEQDFGIEIVKVKAIQRQRFKVLELRTQSDGIQQAKVQILPECVLPSTMSAVQLESLNKCQIFPSKPVSR EDQCSYKWWQKYQKRKFHCANLTSWPRWLYSLYDAETLMDRIKKQLREWDE NLKDDSLPSNPIDFSYRVAACLPIDDVLRQLLIGSAIQRLRCELDIMNKCTSLC CKQCQETEITTKNEIFSLSLCGPMAAYVNPBGYVHETLTVYKACNLNLIGRPST EHSWFPGYAWTVAQCKICASHIGWKFTATKKDMSPQKFWGLTRSALLPTIPDTEDEISPKVILCL
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500, Immunohistochemistry, Immunoprecipitation, Immunohistochemistry-Paraffin
Application Notes	Antibody reactive against Recombinant Protein with GST tag on ELISA and Western Blot and also on transfected lysate in western blot. GST tag alone is used as a negative control.

## Images

Western Blot: CRBN Antibody [H00051185-B01P] - Analysis of CRBN expression in transfected 293T cell line by CRBN polyclonal antibody. Lane 1: CRBN transfected lysate(48.62 KDa). Lane 2: Non-transfected lysate.



## Publications

Sawamura N, Yamada M, Fujiwara M et al. The Neuroprotective Effect of Thalidomide against Ischemia through the Cereblon-mediated Repression of AMPK Activity. *Sci Rep* Feb 6 2018 12:00AM [PMID: 29410497]

Charoenfuprasert S, Yang YY, Lee YC et al. Identification of salt-inducible kinase 3 as a novel tumor antigen associated with tumorigenesis of ovarian cancer. *Oncogene*. 2011 Mar 14 [PMID: 21399663]

Peng Y, Li M, Clarkson BD et al. Deficient Import of Acetyl-CoA into the ER Lumen Causes Neurodegeneration and Propensity to Infections, Inflammation, and Cancer. *J Neurosci*. 2014 May 14 [PMID: 24828632]

Liu J, Ye J, Zou X et al. CRL4A(CRBN) E3 ubiquitin ligase restricts BK channel activity and prevents epileptogenesis. *Nat Commun*. 2014 May 21 [PMID: 24845235]

Gandhi AK, Mendy D, Waldman M et al. Measuring cereblon as a biomarker of response or resistance to lenalidomide and pomalidomide requires use of standardized reagents and understanding of gene. *Br J Haematol*. 2013 Oct 28 [PMID: 24206017] (WB, Human)



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### Products Related to H00051185-B01P

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97019-5mg	Mouse IgG Isotype Control
H00051185-P01-10ug	Recombinant Human CRBN GST (N-Term) Protein

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### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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