

Product Datasheet

CRBN Antibody - Azide and BSA Free H00051185-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 - Azide and BSA Free

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)

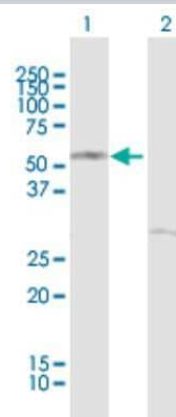
Product Description	
Host	Mouse
Gene ID	51185
Gene Symbol	CRBN
Species	Human
Specificity/Sensitivity	CRBN - cereblon,
Immunogen	CRBN (NP_057386.2, 1 a.a. - 442 a.a.) full-length human protein. MAGEGDQQDAAHNMGNHLP LLP AESEEEDEMEVEDQDSKEAKKPNIINFDTSLPTSHTYLGADMEEFHGRTLHDDDDSCQVIPVLPQVMMILIPGQTLPLQLFHPQEVSMVRNLIQKDRTFAVLAYS NVQEREAQFGTTAEIYAYREEQDFGIEIVKVKAIGRQRFKVLELRTQSDGIQQAQKVQILPECVLPSTMSAVQLESLNKCQIFPSKPVSR EDQCSYKWWQKYQKRKFHCANLT SWPRWLYSLYDAETLMDRIKKQLREWDE NLKDDSLPSNPIDFSYRVAACLPIDDLVRLIQLLKIGSAIQRRLRCELDIMNKCTSLCCKQCQETEITTKNEIFSLSLCGPMAAYVNP HGYVHETLTVYKACNLNLIGRPSTEHSWFPGYAWTVAQCKICASHIGWKFTATKKDMSPQKFWGLTRSALLPTIPDTEDEISPDKVILCL
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

Uroos A, Sunhwa B, Zee-Yong P et al. Effects of cereblon on stress-activated redox proteins and core behavior. Brain Res. 2022-08-13 [PMID: 35973609]

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 2018-02-06 [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. 2011-03-14 [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. 2014-05-14 [PMID: 24828632]

Liu J, Ye J, Zou X et al. CRL4A(CRBN) E3 ubiquitin ligase restricts BK channel activity and prevents epileptogenesis. Nat Commun. 2014-05-21 [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 complexity. Br J Haematol 2014-01-01 [PMID: 24206017] (WB, Human)



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Products Related to H00051185-B01P

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
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

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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