

Rabbit anti-Human, Mouse CRBN Polyclonal Antibody | anti-CRBN antibody

CRBN Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA231462	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

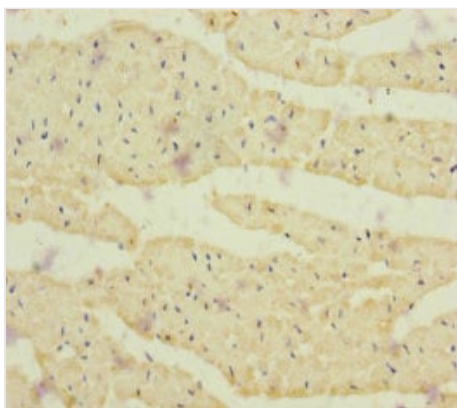
PRODUCT SYNONYMS

CRBN; Polyclonal Antibody; CRBN Antibody; Protein cereblon; AD-006; anti-CRBN antibody

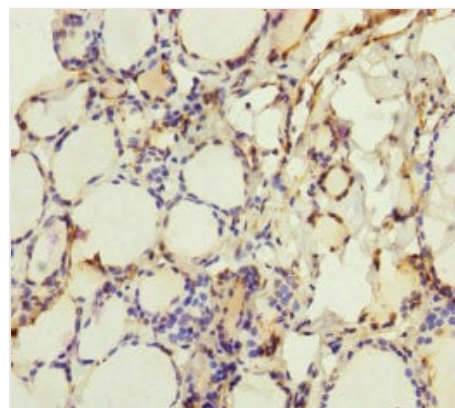
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	441
Applicable Applications for anti-CRBN antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Protein cereblon protein (N-280AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

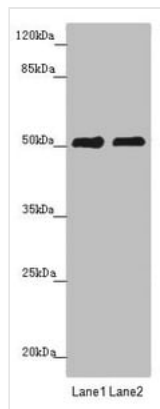
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human heart tissue using AAA231462 at dilution of 1:100


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human thyroid tissue using AAA231462 at dilution of 1:100



WB (Western Blot)

Western blotAll lanes: CRBN antibody at 5.28 ug/mlLane 1: Mouse liver tissueLane 2: A375 whole cell lysateSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 51 kDaObserved band size: 51 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-CRBN antibody

Substrate recognition component of a DCX (DDB1-CUL4-X-box) E3 protein ligase complex that mediates the ubiquitination and subsequent proteasomal degradation of target proteins, such as MEIS2. Normal degradation of key regulatory proteins is required for normal limb outgrowth and expression of the fibroblast growth factor FGF8. May play a role in memory and learning by regulating the assembly and neuronal surface expression of large-conductance calcium-activated potassium channels in brain regions involved in memory and learning via its interaction with KCNT1. Binding of pomalidomide and other thalidomide-related drugs changes the substrate specificity of the human protein, leading to decreased degradation of MEIS2 and other target proteins and increased degradation of MYC, IRF4, IKZF1 and IKZF3.

NCBI AND UNIPROT INFORMATION

NCBI GI #	291045198
NCBI GeneID	51185
NCBI Accession #	NP_001166953.1
NCBI GenBank Nucleotide #	NM_001173482.1
UniProt Accession #	Q96SW2; Q6AI62; Q6NVZ0; Q9UHW4; B2R6H4; C9IZA9; C9JAH6
Molecular Weight	50,475 Da
NCBI Official Full Name	protein cereblon isoform 2
UniProt Protein Name	Protein cereblon
UniProt Gene Name	CRBN
UniProt Entry Name	CRBN_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/crbn-antibody-immunohistochemistry-western-blot-elisa/231462>