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Datasheet for ABIN7165198
anti-CRBN antibody (AA 1-280)

3 Images

Overview

Quantity:	100 µL
Target:	CRBN
Binding Specificity:	AA 1-280
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CRBN antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant Human Protein cereblon protein (1-280AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Antigen Affinity Purified

Target Details

Target:	CRBN
Alternative Name:	CRBN (CRBN Products)
Background:	Background: Substrate recognition component of a DCX (DDB1-CUL4-X-box) E3 protein ligase complex that mediates the ubiquitination and subsequent proteasomal degradation of target

Target Details

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.

Aliases: 2610203G15Rik antibody, 2900045007Rik antibody, AF229032 antibody, AW108261 antibody, Cereblon antibody, Crbn antibody, CRBN_HUMAN antibody, DKFZp781K0715 antibody, MGC27358 antibody, MRT2A antibody, OTTHUMP00000209555 antibody, piL antibody, Protein cereblon antibody, Protein x 0001 antibody

UniProt: [Q96SW2](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

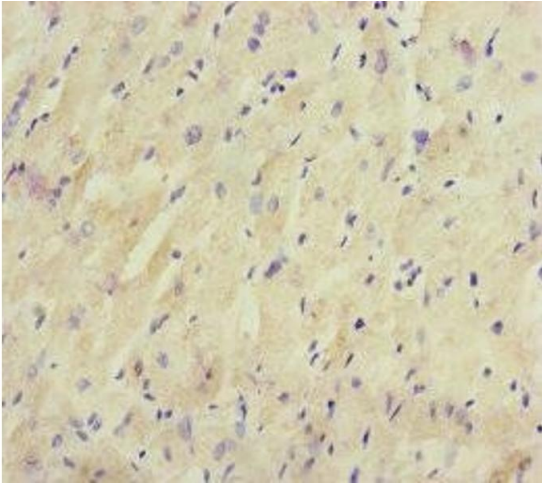
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

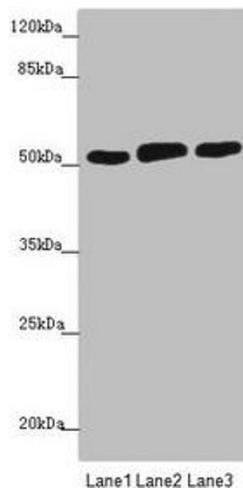
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



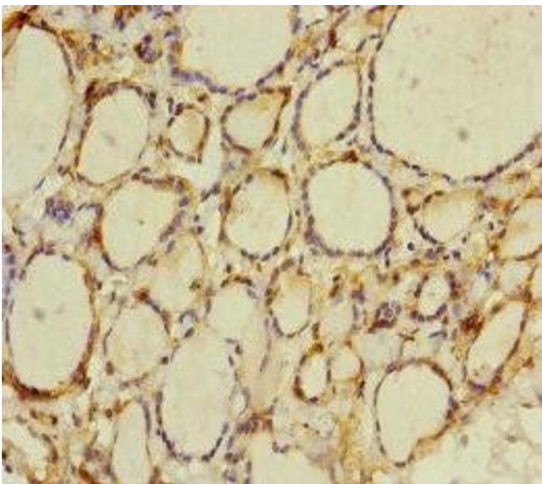
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human heart tissue using ABIN7165198 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: CRBN antibody at 4.65 μ g/mL Lane 1: Mouse liver tissue Lane 2: Colo320 whole cell lysate Lane 3: A375 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 51 kDa Observed band size: 51 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human thyroid tissue using ABIN7165198 at dilution of 1:100