



CRBN mouse mAb

Catalog No	BYmab-18203
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CRBN AD-006
Protein Name	Protein cereblon
Immunogen	Synthesized peptide derived from human CRBN
Specificity	This antibody detects endogenous levels of CRBN at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	49kD
Cell Pathway	Cytoplasm . Nucleus . Membrane ; Peripheral membrane protein .
Tissue Specificity	Widely expressed. Highly expressed in brain.
Function	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 or ILF2 . Normal degradation of key regulatory proteins is required for normal limb outgrowth and expression of the fibroblast growth factor FGF8 . Maintains presynaptic glutamate release and consequently cognitive functions, such as memory and learning, by negatively regulating large-conductance calcium-activated potassium (BK) channels in excitatory neurons . Likely to function by regulating the assembly and neuronal surface expression of BK channels via its interaction with KCNT1 . May also be involved in regulating anxiety-like behaviors via a BK channel-independent mechanism (By similarity).

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Background

matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

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