



CRBN mouse mAb

Catalog No	YP-mAb-18203
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CRBN AD-006
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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	AD-006;cereblon;Protein cereblon;CRBN;CRBN AD-006
Observed Band	51 kDa
Calculated Molecular Weight	442 aa, 51 kDa
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).



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