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anti-CRBN antibody (AA 210-288)



Overview

Quantity:	100 μL
Target:	CRBN
Binding Specificity:	AA 210-288
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CRBN antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffinembedded Sections) (IF (p)), Immunohistochemistry (Paraffinembedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CRBN
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Sheep,Pig,Horse,Rabbit,Zebrafish
Purification:	Purified by Protein A.

Target Details

Target:	CRBN

Target Details

Alternative Name:	CRBN (CRBN Products)
Background:	Synonyms: Cereblon, DKFZp781K0715, MGC27358, MRT2A, OTTHUMP00000209555, piL,
	Protein cereblon, Protein x 0001, 2610203G15Rik, 2900045007Rik, AF229032, AW108261,
	CRBN_HUMAN.
	Background: CRBN is a 442 amino acid protein which is highly concentrated in human brain
	tissue. CRBN functions are thought to be related to energy metabolism, learning and memory.
	Localized to the cytoplasm, CRBN acts as a protease in mitochondria and is thought to regulate
	the assembly of KCNT1, as well as the surface expression of KCNT1 in brain regions known to
	affect memory and learning, such as the hippocampus. The gene encoding CRBN belongs to a
	family of ATP-dependent lon proteases that play a role in membrane trafficking and proteolysis.
	Defects in the CRBN gene are associated with mild mental retardation.

Application Details

	51101.4.500.4000
Application Notes:	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
	ICC 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months