

For Research Use Only

CRBN Monoclonal antibody

Catalog Number: 66336-1-Ig

Featured Product

1 Publications



Basic Information

Catalog Number:

66336-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG17166

GenBank Accession Number:

BC017419

GeneID (NCBI):

51185

UNIPROT ID:

Q965W2

Full Name:

cereblon

Calculated MW:

442 aa, 51 kDa

Observed MW:

51-60 kDa

Purification Method:

Protein A purification

CloneNo.:

2A9D11

Applications

Tested Applications:

ELISA

Cited Applications:

IHC

Species Specificity:

human, pig, mouse

Cited Species:

human

Background Information

CRBN plays an important role in assembly and surface expression of functional BK(Ca) channels. The mutation of human cereblon gene (CRBN) is related with mild mental retardation, and causes ARNSID (nonsyndromal intellectual disability) by disturbing the developmental regulation of BK(Ca) in brain regions that are critical for memory and learning. CRBN is also identified as important thalidomide-binding protein for limb outgrowth in zebrafish and chicks. It can be detected a band above 51 kDa (maybe 55 kDa) in HT22 cells (PMID: 21232561).

Notable Publications

Author	Pubmed ID	Journal	Application
Byung-Hyun Lee	34336672	Front Oncol	IHC

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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Selected Validation Data