SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

[Primary Antibody]

Rabbit Anti-CDR2 antibody

Catalog Number: SL6296R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	CDR2
Immunogen:	KLH conjugated synthetic peptide derived from human CDR2/PCD17: 381-454/454
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 ELISA=1:5000-10000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human, Mouse, Rat, Dog, Cow, Horse)
Predicted MW.:	52kDa
Subcellular Location:	The nucleus The cell membrane Extracellular matrix
Background:	CDR2 (cerebellar degeneration-related protein 2), also referred to as Yo or CDR62, is a 545 amino acid protein that is associated with the development of paraneoplastic cerebellar degeneration (PCD). PCD, an immune-mediated syndrome, belongs to a heterogeneous group of rare paraneoplastic neurologic disorders affecting the neurological system. PCD is characterized by subacute cerebellar ataxia and occurs mainly in patients with ovarian, uterine, fallopian tube or breast cancer. Patients with ovarian or breast cancer develop an immune response against cancer cell-expressed CDR2 and Purkinje neuron-expressed CDR2. The presence of the anti-CDR2 antibody in patients with PCD symptoms warrants an aggressive approach to diagnosis and treatment of the underlying cancer.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

	Similarity: Belongs to the CDR2 family. **Database links:** **Entrez Gene:** 1039 Human **Entrez Gene:** 12585 Mouse **Entrez Gene:** 308958 Rat Omim: 117340 Human **SwissProt:** Q01850 Human **SwissProt:** P97817 Mouse **Unigene:** 513430 Human **Unigene:** 1640 Mouse **Unigene:** 3537 Rat

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.