

Anti-CDR2 Picoband Antibody

Catalog # ABO10272

Product Information

Application	WB
Primary Accession	Q01850
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Cerebellar degeneration-related protein 2(CDR2) detection. Tested with WB in Human;Mouse.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	1039
Other Names	Cerebellar degeneration-related protein 2, Major Yo paraneoplastic antigen, Paraneoplastic cerebellar degeneration-associated antigen, CDR2, PCD17
Calculated MW	51855
Application Details	Western blot, 0.1-0.5 µg/ml, Human, Mouse
Source	Eukaryota
Protein Name	Cerebellar degeneration-related protein 2
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human CDR2 (232-2656aa ELEQQLGATGAYRARALELEAEVAEMRQMLQSEH), different from the related mouse sequence by two amino acids.
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins.
Storage	At -20 °C for one year. After reconstitution, at 4 °C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

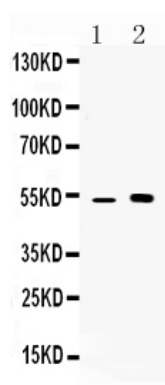
Protein Information

Name	CDR2
Synonyms	PCD17

Background

Cerebellar degeneration-related protein 2 is a protein that in humans is encoded by the CDR2 gene. By a combination of study of rodent/human somatic cell hybrids and in situ hybridization, this gene is assigned to 16p13.1-p12. The onconeural cerebellar degeneration-related antigen Cdr2 is associated with paraneoplastic syndromes. Neoplastic expression of Cdr2 in ovary and breast tumors triggers an autoimmune response that suppresses tumor growth by developing tumor immunity, but culminates in cerebellar degeneration when Cdr2-specific immune cells recognize neuronal Cdr2.

Images



Western blot analysis of CDR2 expression in mouse kidney extract (lane 1) and MCF-7 whole cell lysates (lane 2). CDR2 at 52KD was detected using rabbit anti- CDR2 Antigen Affinity purified polyclonal antibody (Catalog # ABO10272) at 0.5 μ g/mL. The blot was developed using chemiluminescence (ECL) method .

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.