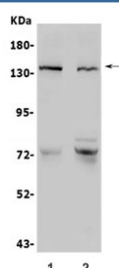


CDH2 Antibody / N Cadherin / CD325 (RQ5876)

Catalog No.	Formulation	Size
RQ5876	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	P19022
Applications	Western Blot : 0.5-1ug/ml
Limitations	This CDH2 antibody is available for research use only.



Western blot testing of human 1) LNCaP and 2) SGC-7901 lysate with CDH2 antibody. Predicted molecular weight ~100 kDa (unmodified), 125-140 kDa (modified).

Description

N-cadherin (NCAD) is a member of the cadherin cell-cell adhesion receptor family that includes P-, E-, and R-cadherin and liver cell adhesion molecule (L-CAM). N-Cadherin,, also known as Cadherin-2, encodes a 907-amino acid protein that includes a 159-amino acid signal sequence. Human and mouse nucleotide sequences are 96% identical. Mouse Ncad gene consists of 16 exons dispersed over more than 200 kb of genomic DNA. Human N-cadherin gene contains 16 exons and its sequence is highly similar to both the mouse NCAD gene (including the large first and second introns) and other cadherin genes. N-cadherin is mapped to 18q11.2. Cadherin regulates dendritic spine morphogenesis.

Application Notes

Optimal dilution of the CDH2 antibody should be determined by the researcher.

Immunogen

Amino acids ITRLNGDFAQLNLKIKFLEA from the human protein were used as the immunogen for the CDH2 antibody.

Storage

After reconstitution, the CDH2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.