



N-Cadherin Rabbit mAb

Catalog No	YP-rAb-17961
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IF,ELISA
Gene Name	CDH2 CDHN NCAD
Protein Name	Cadherin-2 (CDw325) (Neural cadherin) (N-cadherin) (CD antigen CD325)
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	IHC 1:500-1:2000; WB 1:1000-1:5000; IF 1:200-1:1000; ELISA 1:5000-1:20000; Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15 ° C to -25 ° C/1 year(Do not lower than -25 ° C)
Synonyms	N-Cadherin;Cadherin-2 (CDw325) (Neural cadherin) (N-cadherin) (CD antigen CD325);CDH2 ; CDHN ; NCAD ; Cadherin-2 ; CDw325 ; Neural cadherin ; N-cadherin ; CD antigen CD325;CDH2 CDHN NCAD
Observed Band	130kD
Calculated Molecular Weight	125kD
Cell Pathway	Membrane
Tissue Specificity	Brain,Epithelium,Liver,
Function	Cadherins are calcium dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types. CDH2 may be involved in neuronal recognition mechanism.,similarity:Contains 5 cadherin domains.,subunit:Interacts with CDCP1.,
Background	This gene encodes a classical cadherin and member of the cadherin superfamily. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein is proteolytically processed to generate a calcium-dependent cell adhesion molecule and glycoprotein. This protein plays a role in the establishment of left-right asymmetry, development of the nervous system and the formation of cartilage and bone. [provided by RefSeq, Nov 2015],

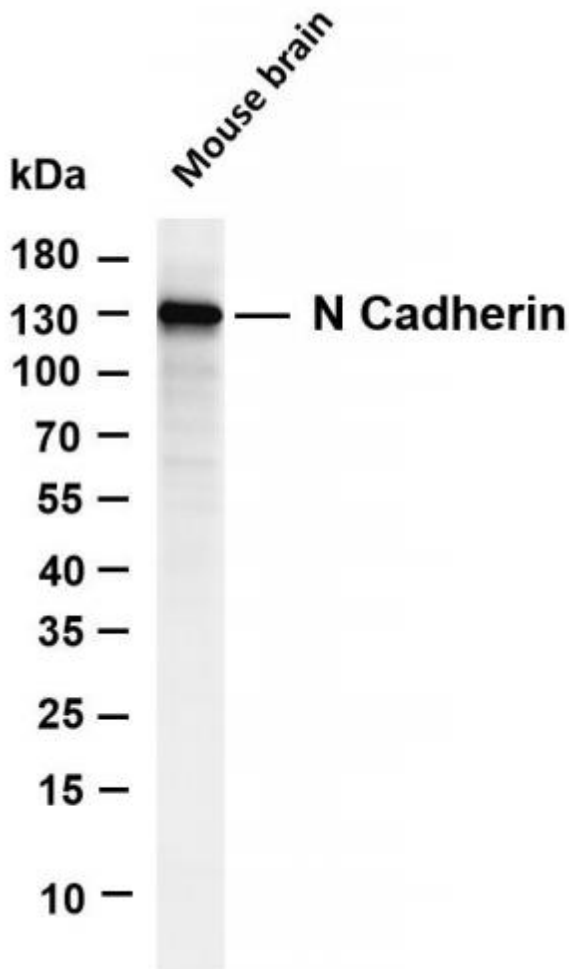


matters needing attention

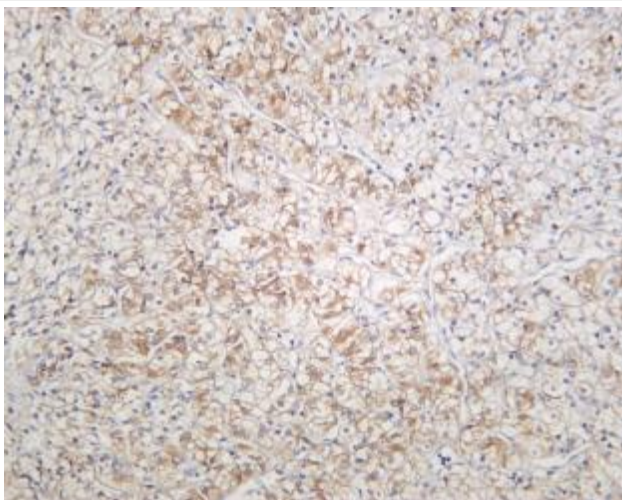
Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

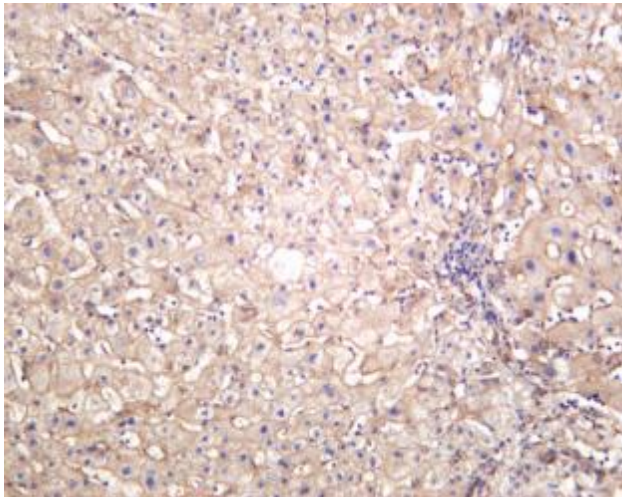


Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-N Cadherin antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.
Lane 1: Mouse brain Predicted band size: 125kDa
Observed band size: 130kDa

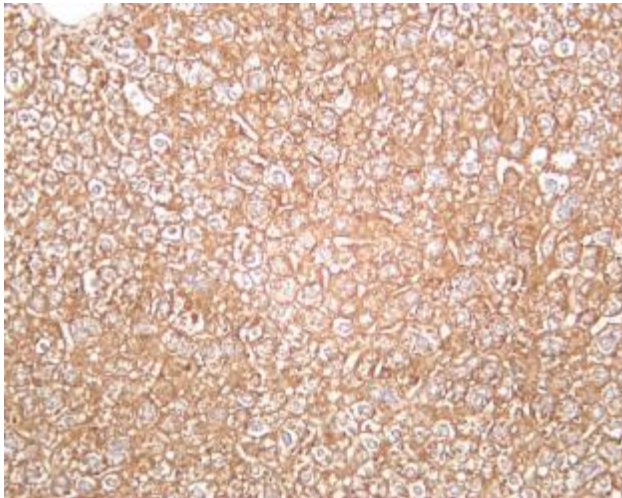


Human kidney carcinoma was stained with anti-N Cadherin rabbit antibody

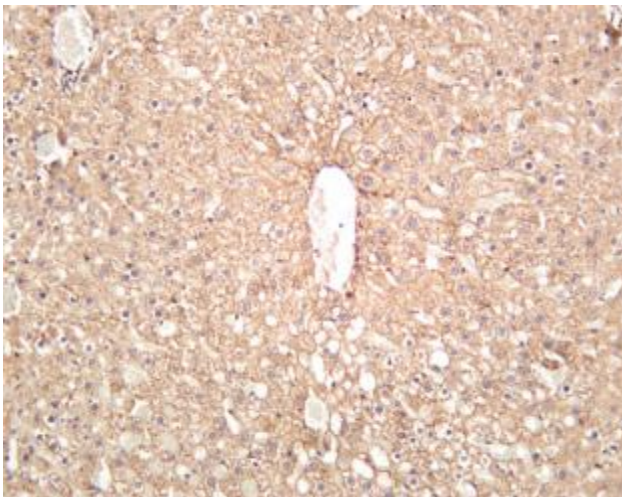




Human liver was stained with anti-N Cadherin rabbit antibody



Mouse liver was stained with anti-N Cadherin rabbit antibody



Rat liver was stained with anti-N Cadherin rabbit antibody

