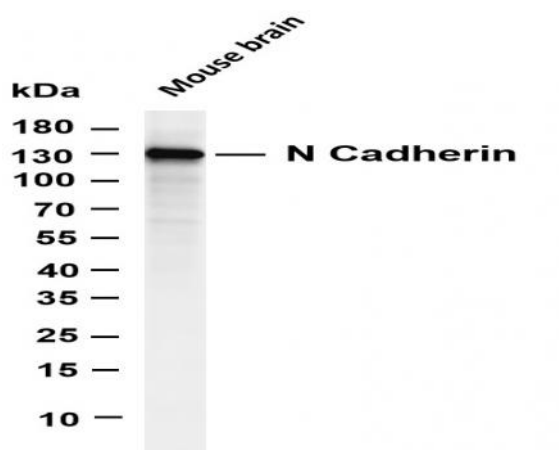


N Cadherin (PT0163R) PT® Rabbit mAb

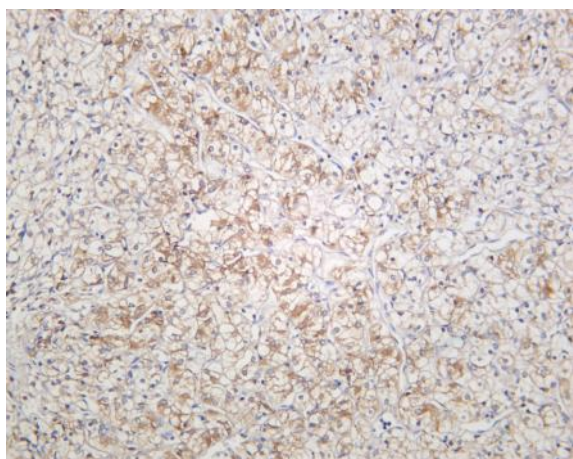
| | |
|------------------------------|---|
| Catalog No : | YM8097 |
| Reactivity : | Human; Mouse; Rat; |
| Applications : | WB;IHC;IF;IP;ELISA |
| Target : | N-cadherin |
| Fields : | >>Cell adhesion molecules;>>Arrhythmogenic right ventricular cardiomyopathy |
| Gene Name : | CDH2 CDHN NCAD |
| Protein Name : | Cadherin-2 (CDw325) (Neural cadherin) (N-cadherin) (CD antigen CD325) |
| Human Gene Id : | 1000 |
| Human Swiss Prot No : | P19022 |
| Mouse Gene Id : | 12558 |
| Mouse Swiss Prot No : | P15116 |
| Rat Gene Id : | 83501 |
| Rat Swiss Prot No : | Q9Z1Y3 |
| Specificity : | endogenous |
| Formulation : | PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA |
| Source : | Monoclonal, rabbit, IgG, Kappa |
| Dilution : | IHC 1:500-1:2000,WB 1:1000-1:5000,IF 1:200-1:1000,ELISA 1:5000-1:20000,IP 1:50-1:200, |
| Purification : | Protein A |

| | |
|-------------------------------|--|
| Storage Stability : | -15°C to -25°C/1 year(Do not lower than -25°C) |
| Molecularweight : | 125kD |
| Observed Band : | 130kD |
| Background : | <p>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],</p> |
| Function : | <p>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.,</p> |
| Subcellular Location : | Membrane |
| Expression : | Brain,Epithelium,Liver, |
| Tag : | hot,recombinant |
| Sort : | 1 |
| No1 : | 13116S |
| No3 : | ab76011 |
| No4 : | 1 |
| Host : | Rabbit |
| Modifications : | Unmodified |

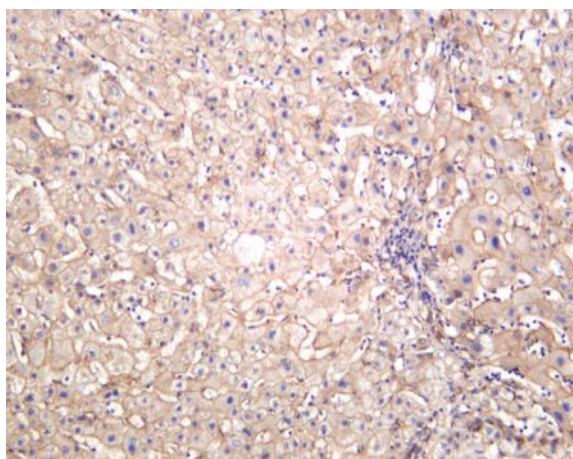
Products Images



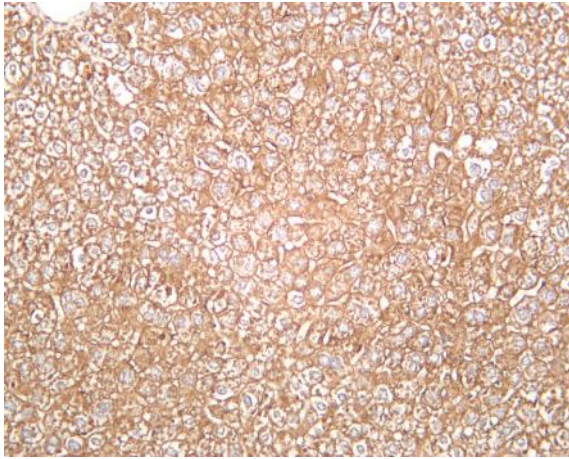
Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-N Cadherin (PT0163R) antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: Mouse brain
Predicted band size: 125kDa Observed band size: 130kDa



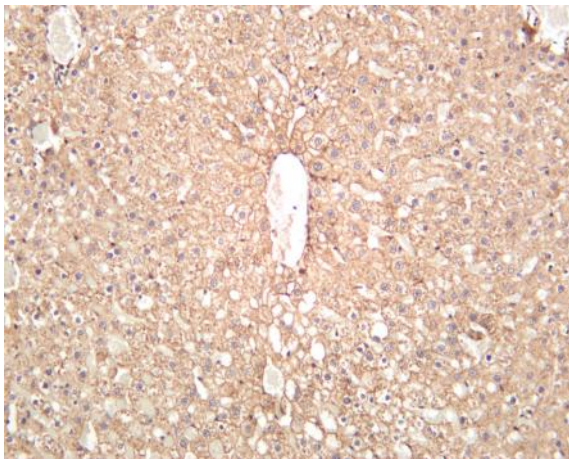
Human kidney carcinoma was stained with anti-N Cadherin (PT0163R) rabbit antibody



Human liver was stained with anti-N Cadherin (PT0163R) rabbit antibody



Mouse liver was stained with anti-N Cadherin (PT0163R) rabbit antibody



Rat liver was stained with anti-N Cadherin (PT0163R) rabbit antibody