N-Cadherin (ABT156R) rabbit mAb

Catalog No : YM8015

Reactivity : Human; Mouse; (predicted: Rat)

Applications : WB; IHC; 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

Immunogen : Synthesized peptide derived from human N-Cadherin AA range:200-400

Specificity : This antibody detects endogenous levels of N-Cadherin

Formulation : PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA

Source : Monoclonal, Rabbit IgG1, Kappa

Dilution : IHC 1:100-500, WB 1:500-1000, ELISA 1:5000-20000

Purification : Recombinant Expression and Affinity purified

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight : 100kD

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],

Function :

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.,

Subcellular Location :

Cell membrane ; Single-pass type I membrane protein . Cell membrane, sarcolemma . Cell junction . Cell surface . Colocalizes with TMEM65 at the intercalated disk in cardiomyocytes. Colocalizes with OBSCN at the intercalated disk and at sarcolemma in cardiomyocytes. .

Expression :

Brain,Epithelium,Liver,

Products Images