

Product datasheet for TA383961M

N Cadherin (CDH2) Rabbit Monoclonal Antibody [Clone ID: R07-4F1]

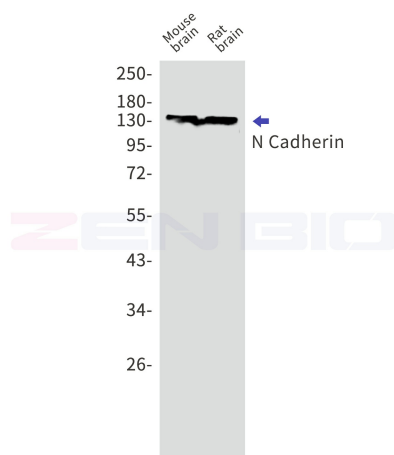
Product data:

Product Type:	Primary Antibodies
Clone Name:	R07-4F1
Applications:	IP, WB
Recommended Dilution:	WB: 1/1000 IP: 1/20
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	Recombinant protein of human N Cadherin
Formulation:	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Stability:	1 year
Predicted Protein Size:	Calculated MW: 100 kDa; Observed MW: 140 kDa
Gene Name:	cadherin 2
Database Link:	Entrez Gene 1000 Human P19022
Background:	Swiss-Prot Acc.P19022.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. Acts as a regulator of neural stem cells quiescence by mediating anchorage of neural stem cells to ependymocytes in the adult subependymal zone: upon cleavage by MMP24, CDH2-mediated anchorage is affected, leading to modulate neural stem cell quiescence. CDH2 may be involved in neuronal recognition mechanism. In hippocampal neurons, may regulate dendritic spine density .

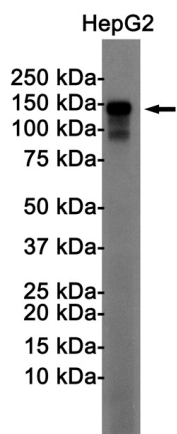

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Synonyms: CD325; CDHN; CDw325; N-cadherin; NCAD

Product images:



Western blot detection of N Cadherin in Mouse brain,Rat brain lysates using N Cadherin antibody.Predicted band size:100kDa.Observed band size:140kDa.



Western blot detection of N Cadherin in HepG2 cell lysates using N Cadherin Rabbit mAb(1:1000 diluted).Predicted band size:100KDa.Observed band size:140KDa.