

Anti-R-cadherin antibody



Description	Rabbit polyclonal to R-cadherin.
Model	STJ95395
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, IF, IHC
Immunogen	Synthesized peptide derived from human R-cadherin
Immunogen Region	700-780 aa, C-terminal
Gene ID	1002
Gene Symbol	CDH4
Dilution range	IHC 1:100-1:300IF 1:200-1:1000ELISA 1:5000
Specificity	R-cadherin Polyclonal Antibody detects endogenous levels of R-cadherin protein.
Tissue Specificity	Expressed mainly in brain but also found in other tissues.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Cadherin-4 Retinal cadherin R-CAD R-cadherin
Molecular Weight	100.281 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:1763OMIM:603006
Alternative Names	Cadherin-4 Retinal cadherin R-CAD R-cadherin
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. May play an important role in retinal development.
Sequence and Domain Family	Three calcium ions are usually bound at the interface of each cadherin domain and rigidify the connections, imparting a strong curvature to the full-length ectodomain.
Cellular Localization	Cell membrane. Single-pass type I membrane protein.

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