



K-cadherin Polyclonal Antibody

E20-75111

Catalog Number:E20-75111

Host Species:Polyclonal, Rabbit

Purification:The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Immunogen Description:Synthesized peptide derived from K-cadherin . at AA range: 180-260

Calculated MW:88309Da**Observed Band:**88KD

Formulation:Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Gene Name:CDH6

Dilution:Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. Not yet tested in other applications.

Protein Name:Cadherin-6

Human Gene Id:1004

Human Swiss Prot No:P55285

Mouse Gene Id:12563

Mouse Swiss Prot No:P97326

Rat Gene Id:25409

Rat Swiss Prot No:P55280

Specificity:K-cadherin Polyclonal Antibody detects endogenous levels of K-cadherin protein.

Concentration:1 mg/ml

Storage Stability:-20°C/1 year

Other Name:CDH6; Cadherin-6; Kidney cadherin; K-cadherin

Background:cadherin 6(CDH6) Homo sapiens This gene encodes a member of the cadherin superfamily. Cadherins are membrane glycoproteins that mediate homophilic cell-cell adhesion and play critical roles in cell differentiation and morphogenesis. The encoded protein is a type II cadherin and may play a role in kidney development as well as endometrium and placenta formation. Decreased expression of this gene may be associated with tumor growth and metastasis. [provided by RefSeq, May 2011],

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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.,similarity:Contains 5 cadherin domains.,tissue specificity:Highly expressed in brain, cerebellum, and kidney. Lung, pancreas, and gastric mucosa show a weak expression. Also expressed in certain liver and kidney carcinomas.,

Subcellular Location:Cell membrane; Single-pass type I membrane protein.

Expression:Highly expressed in brain, cerebellum, and kidney. Lung, pancreas, and gastric mucosa show a weak expression. Also expressed in certain liver and kidney carcinomas.,

