

K-cadherin Polyclonal Antibody

Catalog No :	YT5111
Reactivity :	Human;Mouse;Rat
Applications :	WB;IHC;IF;ELISA
Target :	K-cadherin
Gene Name :	CDH6
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
Immunogen :	Synthesized peptide derived from K-cadherin . at AA range: 180-260
Specificity :	K-cadherin Polyclonal Antibody detects endogenous levels of K-cadherin protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC: 1:100-300 ELISA: 1:20000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml

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

Observed Band : 88kD

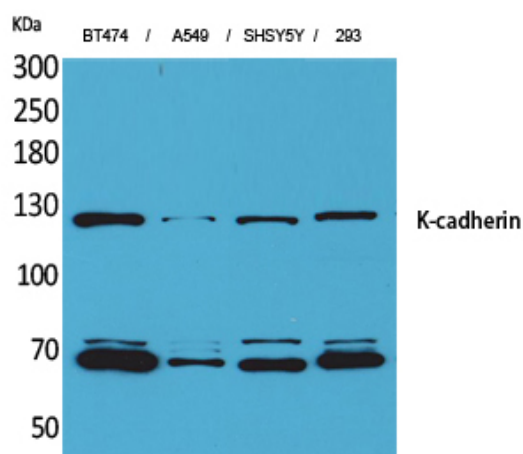
Background : This gene encodes a member of the cadherin superfamily. Cadherins are membrane glycoproteins that mediate homophilic cell-cell adhesion and play critical roles in cell differentiation and morphogenesis. The encoded protein is a type II cadherin and may play a role in kidney development as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

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.

Products Images



Western Blot analysis of BT474, A549, SHSY5Y, 293 cells using K-cadherin Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000