

K-cadherin Polyclonal Antibody

Catalog NumberPA5-29984

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Dilution *	
Type	Antibody	Western Blot (WB)	
Immunogen	Recombinant fragment corresponding to a region within amino acids 325 and 606 of Human K cadherin	1:500-1:3,000	
Conjugate	Unconjugated	<div>* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.</div>	
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS, pH 7, with 20% glycerol		
Contains	0.01% thimerosal		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Recommended positive controls: H1299, HCT116. Predicted reactivity: Mouse (97%), Rat (98%), Chicken (85%), Bovine (98%). Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Background/Target Information

Cadherins constitute a family of transmembrane glycoproteins involved in Ca2+-dependent cell-cell interactions. The members of this family are differentially expressed in various tissues. They function in the maintenance of tissue integrity and morphogenesis. Cadherins are divided into type I and type II subgroups. Type I cadherins include epithelial cadherin (E-cadherin, cadherin-1 or uvomorulin), neural cadherin (N-cadherin or cadherin-2), placental cadherin (P-cadherin or cadherin-3) and retinal cadherin (R-cadherin or cadherin-4), whereas kidney cadherin (K-cadherin or cadherin-6) and osteoblast cadherin (OB-cadherin or cadherin-11) are type II cadherins. Cadherin-6 is expressed in the proximal tubule epithelium of the kidney from which most renal cell carcinomas are derived.

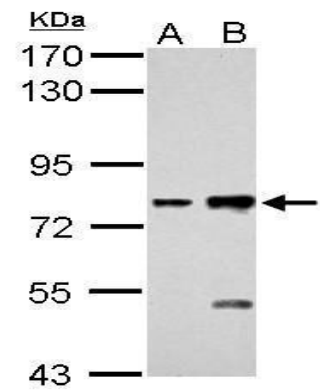
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Product Images For K-cadherin Polyclonal Antibody



K-cadherin Antibody (PA5-29984) in WB
Western Blot using K-cadherin Polyclonal Antibody (Product # PA5-29984). Sample (30 µg of whole cell lysate). Lane A: H1299. Lane B: HCT116 . 7.5% SDS PAGE. K-cadherin Polyclonal Antibody (Product # PA5-29984) diluted at 1: 2,000.

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