

H-cadherin Polyclonal Antibody

Catalog NumberPA5-11487

Product data sheet

Details		Tested Applications	Dilution *
Size	400 µL	Flow Cytometry (Flow)	1:10-1:50
Host/Isotope	Rabbit / IgG	Immunohistochemistry (Paraffin) (IHC (P))	1:10-1:50
Class	Polyclonal	Western Blot (WB)	1:1,000
Type	Antibody	* 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.	
Immunogen	KLH conjugated synthetic peptide between 589-617 amino acids from the C-terminal region of human H Cadherin (CDH13)		
Conjugate	Unconjugated		
Form	Liquid		
Concentration	Lot-specific		
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

Product specific information

This antibody is predicted to react with chicken and mouse based on sequence homology.

Background/Target Information

The protein encoded by this gene has a C-terminal domain with tRNA 3 processing endoribonuclease activity, which catalyzes the removal of the 3' trailer from precursor tRNAs. The protein also interacts with activated Smad family member 2 (Smad2) and its nuclear partner forkhead box H1 (also known as FAST-1), and reduced expression can suppress transforming growth factor-beta induced growth arrest. Mutations in this gene result in an increased risk of prostate cancer. Multiple transcript variants encoding different isoforms have been found for this gene.

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