

Datasheet for ABIN634728

anti-Cadherin-16 antibody (N-Term)





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Overview		
Quantity:	100 μL	
Target:	Cadherin-16 (CDH16)	
Binding Specificity:	N-Term	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This Cadherin-16 antibody is un-conjugated	
Application:	Western Blotting (WB)	
Product Details		
Immunogen:	CDH16 antibody was raised using the N terminal of CDH16 corresponding to a region with	
	amino acids SDRDEPGTANSDLRFHILSQAPAQPSPDMFQLEPRLGALALSPKGSTSLD	
Specificity:	CDH16 antibody was raised against the N terminal of CDH16	
Purification:	Affinity purified	
Target Details		
Target:	Cadherin-16 (CDH16)	
Alternative Name:	CDH16 (CDH16 Products)	
Background:	CDH16 is a member of the cadherin superfamily, which are calcium-dependent, membrane-	
	associated glycoproteins. CDH16 consists of an extracellular domain containing 6 cadherin	
	domains, a transmembrane region and a truncated cytoplasmic domain but lacks the	

Target Details

prosequence and tripeptide HAV adhesion recognition sequence typical of most classic	al
cadherins. Expression is exclusively in kidney, where the protein functions as the principal	
mediator of homotypic cellular recognition, playing a role in the morphogenic direction of	of tissue
development.	
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Molecular Weight:

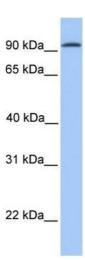
88 kDa (MW of target protein)

Application Details

Application Notes:	WB: 1 µg/mL		
	Optimal conditions should be determined by the investigator.		
Comment:	CDH16 Blocking Peptide, catalog no. 33R-8368, is also available for use as a blocking control in assays to test for specificity of this CDH16 antibody		
Restrictions:	For Research Use only		

Handling

Format:	Lyophilized	
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of CDH16 antibody in PBS	
Concentration:	Lot specific	
Buffer:	PBS	
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.	
Storage:	4 °C/-20 °C	
Storage Comment:	rage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.	



Western Blotting

Image 1. CDH16 antibody used at 1 ug/ml to detect target protein.