

For Research Use Only

# Cadherin-6 Polyclonal antibody

Catalog Number: 27703-1-AP



## Basic Information

<b>Catalog Number:</b> 27703-1-AP	<b>GenBank Accession Number:</b> BC000019	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 350 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 1004	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P55285	
<b>Isotype:</b> IgG	<b>Full Name:</b> cadherin 6, type 2, K-cadherin (fetal kidney)	
<b>Immunogen Catalog Number:</b> AG26756	<b>Calculated MW:</b> 790 aa, 88 kDa	
	<b>Observed MW:</b> 130 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : rat kidney tissue, mouse kidney tissue
<b>Species Specificity:</b> Human, Mouse, Rat	

## Background Information

Cadherins are a family of transmembrane glycoproteins that mediate calcium-dependent cell-cell adhesion and play an important role in the maintenance of normal tissue architecture. Cadherin-6 (CDH6), also known as K-cadherin, is a class II cadherin involved in the morphogenesis of the central nervous system and kidney (PMID: 27375021). Expression of cadherin-6 has also been described in some cancers, including renal cancer, ovarian cancer, gastric cancer, and thyroid cancer (PMID: 14665853; 28526733; 34530820). Cadherin-6 is involved in epithelial-mesenchymal transition (EMT) and cancer metastasis (PMID: 27375021).

## Storage

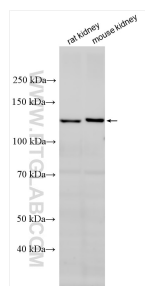
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27703-1-AP (Cadherin-6 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.