



# KSP-Cadherin mouse mAb(PT0160)

<b>Catalog No</b>	BYab-15067
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human
<b>Applications</b>	IHC;IF
<b>Gene Name</b>	CDH16 UNQ695/PRO1340
<b>Protein Name</b>	KSP-Cadherin
<b>Immunogen</b>	Synthesized peptide derived from human KSP-Cadherin
<b>Specificity</b>	This antibody detects endogenous levels of KSP-Cadherin at Human
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.05% sodium azide.
<b>Source</b>	Mouse, Monoclonal
<b>Purification</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
<b>Dilution</b>	IHC-p 1:100-500, IF 1:100-500
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	Cadherin-16 (Kidney-specific cadherin;Ksp-cadherin)
<b>Observed Band</b>	
<b>Cell Pathway</b>	Cell membrane ; Single-pass type I membrane protein .
<b>Tissue Specificity</b>	Kidney specific.
<b>Function</b>	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 6 cadherin domains.,tissue specificity:Kidney specific.,
<b>Background</b>	This gene is a member of the cadherin superfamily, genes encoding calcium-dependent, membrane-associated glycoproteins. Mapped to a previously identified cluster of cadherin genes on chromosome 16q22.1, the gene localizes with superfamily members CDH1, CDH3, CDH5, CDH8 and CDH11. The protein consists of an extracellular domain containing 6 cadherin domains, a transmembrane region and a truncated cytoplasmic domain but lacks the prosequence and tripeptide HAV adhesion recognition sequence typical of most

Nanjing BYabscience technology Co.,Ltd



classical 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 tissue development. Alternatively spliced transcript variants encoding distinct isoforms have been identified. [provided by RefSeq, Mar 2011],

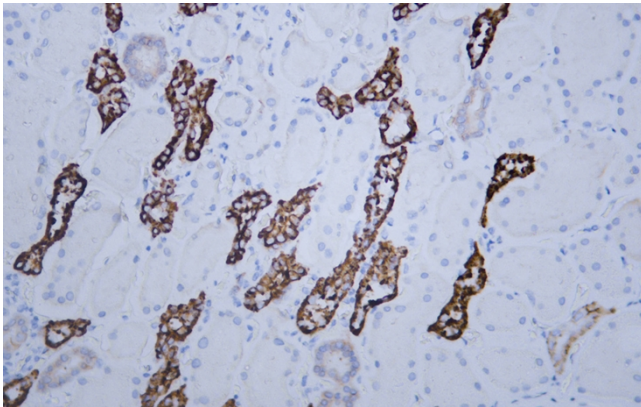
**matters needing attention**

Avoid repeated freezing and thawing!

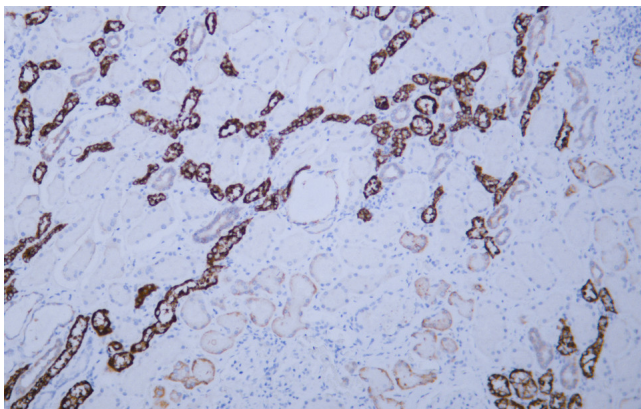
**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**



Human kidney tissue was stained with Anti-KSP-Cadherin (ABT433) Antibody



Human kidney tissue was stained with Anti-KSP-Cadherin (ABT433) Antibody