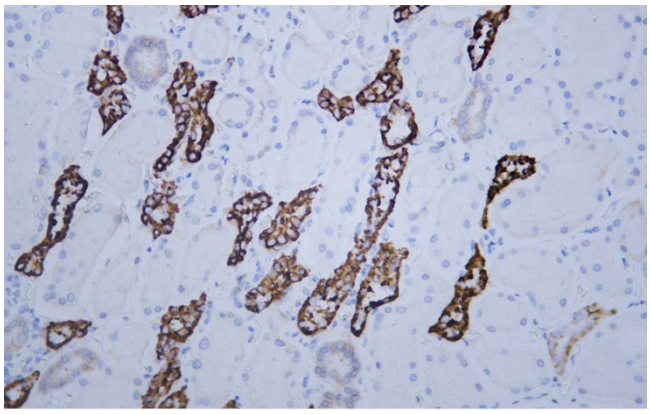
KSP-Cadherin mouse mAb(PT0160)

Catalog No	YP-Ab-15067
Isotype	IgG
Reactivity	Human
Applications	IHC;IF
Gene Name	CDH16 UNQ695/PRO1340
Protein Name	KSP-Cadherin
Immunogen	Synthesized peptide derived from human KSP-Cadherin
Specificity	This antibody detects endogenous levels of KSP-Cadherin at Human
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.05% sodium azide.
Source	Mouse,Monoclonal
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution	IHC-p 1:100-500, IF 1:100-500
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Cadherin-16 (Kidney-specific cadherin;Ksp-cadherin)
Observed Band	
Cell Pathway	Cell membrane ; Single-pass type I membrane protein .
Tissue Specificity	Kidney specific.
Function	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.,
Background	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 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

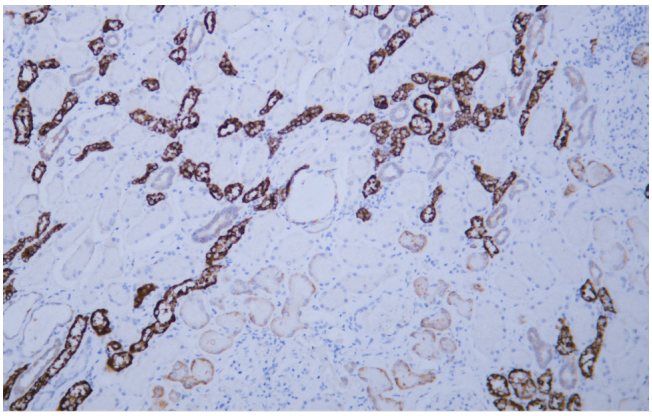
RefSeq, Mar 2011],

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



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