Best Tools for immunology Research

KSP-Cadherin (ABT-CDH16) mouse mAb

Catalog No :	YM6190
Reactivity :	Human; Mouse;
Applications :	IHC;ELISA
Target :	KSP-Cadherin
Gene Name :	CDH16 UNQ695/PRO1340
Protein Name :	KSP-Cadherin
Human Gene Id :	1014
Human Swiss Prot No :	O75309
Immunogen :	Synthesized peptide derived from human KSP-Cadherin
Specificity :	This antibody detects endogenous levels of KSP-Cadherin at Human
Formulation :	PBS, pH7.4, 50% glycerol, 0.05% Proclin 300
Source :	Mouse, Monoclonal/IgG1, Kappa
Dilution :	IHC 1:200-400, ELISA 1:5000-20000
Purification :	Protein G
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Cell Pathway :	JAK/STAT pathway
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],

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.,

Subcellular Location : Cell membrane ; Single-pass type I membrane protein .

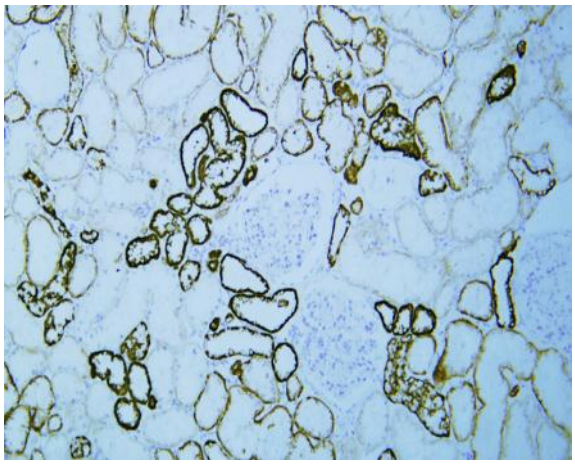
Expression : Kidney specific.

Sort : 24901

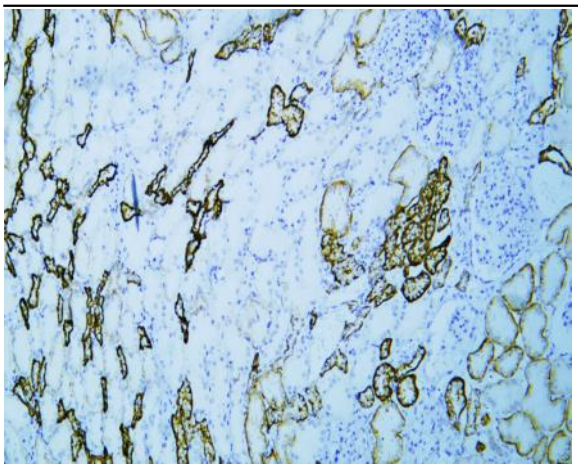
Host : Mouse

Modifications : Unmodified

Products Images



Human Kidney tissue was stained with Anti-KSP-Cadherin (ABT-CDH16) Antibody



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