

## KSP-Cadherin (ABT-CDH16) mouse mAb

<b>Catalog No :</b>	YM6190
<b>Reactivity :</b>	Human; Mouse;
<b>Applications :</b>	IHC;ELISA
<b>Target :</b>	KSP-Cadherin
<b>Gene Name :</b>	CDH16 UNQ695/PRO1340
<b>Protein Name :</b>	KSP-Cadherin
<b>Human Gene Id :</b>	1014
<b>Human Swiss Prot No :</b>	O75309
<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>	PBS, pH7.4, 50% glycerol, 0.05% Proclin 300
<b>Source :</b>	Mouse, Monoclonal/IgG1, Kappa
<b>Dilution :</b>	IHC 1:200-400, ELISA 1:5000-20000
<b>Purification :</b>	Protein G
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Cell Pathway :</b>	JAK/STAT pathway
<b>Background :</b>	<p>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</p>

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.,

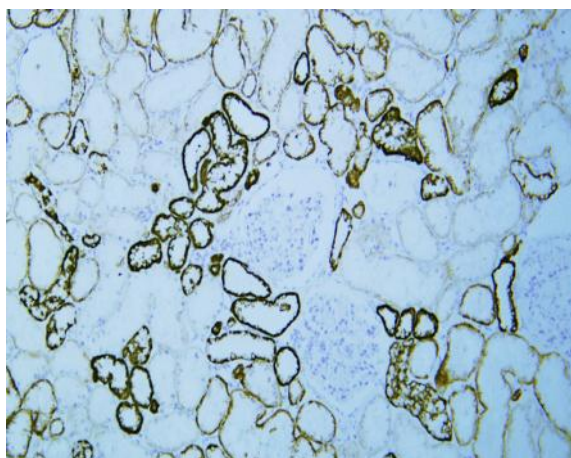
**Subcellular Location :**

Cell membrane ; Single-pass type I membrane protein .

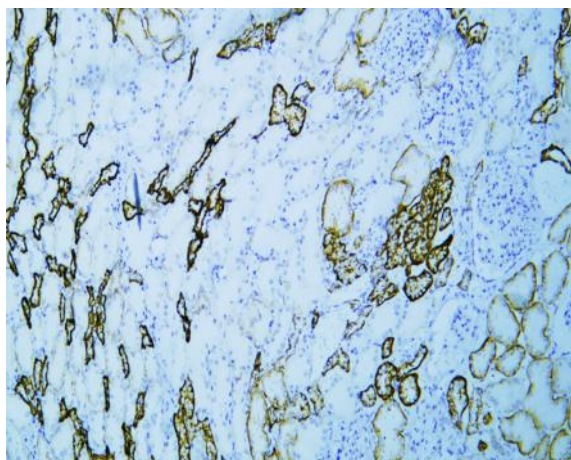
**Expression :**

Kidney specific.

## Products Images



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



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