Rabbit Ksp-Cadherin (Kidney-Specific Cadherin)/CDH16 Monoclonal Antibody | anti-CDH16 antibody

Ksp-Cadherin (Kidney-Specific Cadherin)/CDH16 Recombinant Rabbit Monoclonal Antibody [Clone CDH16/7028R]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA215509	**Rabbit**	**Human, Mouse and Rat**	**Immunohistochemistry**

PRODUCT SYNONYMS

Ksp-Cadherin (Kidney-Specific Cadherin)/CDH16; Monoclonal Antibody; Ksp-Cadherin (Kidney-Specific Cadherin)/CDH16 Recombinant Rabbit Monoclonal Antibody [Clone CDH16/7028R]; Cadherin-16 (CDH16); Kidney-specific cadherin; Ksp-cadherin antibody; anti-CDH16 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse and Rat
Clonality	Monoclonal
Isotype	Rabbit/IgG
Clone Number	CDH16/7028R
Form/Format	200ug/ml of Ab purified by Protein A. Prepared in 10mM PBS with 0. 05% BSA & 0. 05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-CDH16 antibody	IHC (Immunohistochemistry)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant human full-length CDH16 protein
Cellular Localization	Cell Surface and Cytoplasmic
Positive Control	Normal kidney or renal cell carcinoma.
Hu-chromosome Location	16q22.1
Unigene	513660
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES

SDS-PAGE
SDS-PAGE Analysis Purified CDH16 Rabbit Recombinant Monoclonal Antibody (CDH16/7028R). Confirmation of Purity and Integrity of Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CDH16 antibody	This MAb recognizes a protein of 130kDa, identified as Ksp-cadherin. Cadherins form a superfamily of related glycoproteins that mediate calcium-dependent cell adhesion and transmit signals from the extracellular matrix to the cytoplasm. Cadherins have been implicated in embryogenesis, tissue morphogenesis, tissue structure maintenance, cell polarization, neoplastic invasiveness and metastasis, and membrane transport. It is suggested that Ksp-cadherin is a marker for terminal differentiation of the basolateral membranes of renal tubular epithelial cells. Within the kidney, Ksp-Cadherin is found exclusively in the basolateral membrane of renal tubular epithelial cells and collecting duct cells, and not in glomeruli, renal interstitial cells, or blood vessels. Ksp-Cadherin has been suggested to distinguish Chromophobe Renal-Cell Carcinoma from Oncocytoma.

NCBI AND UNIPROT INFORMATION

NCBI GI #	325296969
NCBI GeneID	1014
NCBI Accession #	NP_001191673.1
NCBI GenBank Nucleotide #	NM_001204744.1
UniProt Accession #	O75309; Q6UW93; B4DPA8; H3BPD3
Molecular Weight	89,923 Da
NCBI Official Full Name	cadherin-16 isoform 2
NCBI Official Synonym Full Names	cadherin 16, KSP-cadherin
NCBI Official Symbol	CDH16
NCBI Protein Information	cadherin-16; KSP-cadherin; kidney-specific cadherin
UniProt Protein Name	Cadherin-16
UniProt Gene Name	**CDH16**
UniProt Synonym Gene Names	Ksp-cadherin
UniProt Entry Name	CAD16_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/ksp-cadherin-kidney-specific-cadherin-cdh16-antibody-clone-cdh16-7028r-immunohistochemistry-elisa/215509