Cubilin Rabbit mAb

Catalog No: #49865

Package Size: #49865-1 50ul #49865-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

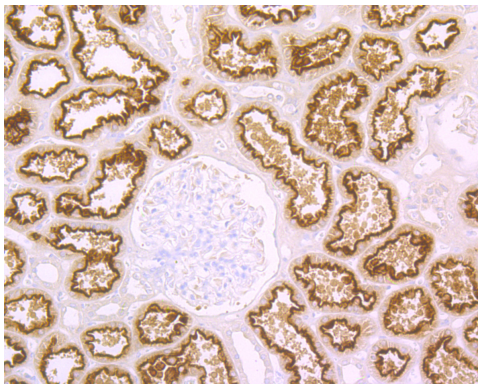
Description

Product Name	Cubilin Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JB42-13
Purification	ProA affinity purified
Applications	WB,IHC
Species Reactivity	Hu
Immunogen Description	Recombinant protein
Other Names	460 kDa receptor antibody cubilin (intrinsic factor-cobalamin receptor) antibody Cubilin antibody Cubilin precursor antibody Cubn antibody CUBN_HUMAN antibody IFCR antibody Intestinal intrinsic factor receptor antibody intrinsic factor B12-receptor antibody Intrinsic factor-cobalamin receptor antibody Intrinsic factor-vitamin B12 receptor antibody megaloblastic anemia 1 antibody MGA1 antibody
Accession No.	Swiss-Prot#:O60494
Uniprot	O60494
GeneID	8029;
Calculated MW	399 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:500 IHC: 1:50-1:200

Images



Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-Cubilin antibody. Counter stained with hematoxylin.

Background

Cotransporter which plays a role in lipoprotein, vitamin and iron metabolism, by facilitating their uptake. Binds to ALB, MB, Kappa and lambda-light

chains, TF, hemoglobin, GC, SCGB1A1, APOA1, high density lipoprotein, and the GIF-cobalamin complex. The binding of all ligands requires calcium. Serves as important transporter in several absorptive epithelia, including intestine, renal proximal tubules and embryonic yolk sac. Interaction with LRP2 mediates its trafficking throughout vesicles and facilitates the uptake of specific ligands like GC, hemoglobin, ALB, TF and SCGB1A1. Interaction with AMN controls its trafficking to the plasma membrane and facilitates endocytosis of ligands. May play an important role in the development of the peri-implantation embryo through internalization of APOA1 and cholesterol. Binds to LGALS3 at the maternal-fetal interface.

References

Note: This product is for in vitro research use only