

For Research Use Only

Cubilin Polyclonal antibody, PBS Only

Catalog Number:31992-1-PBS



Basic Information

Catalog Number:

31992-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG35808

GenBank Accession Number:

NM_001081

GeneID (NCBI):

8029

UNIPROT ID:

O60494

Full Name:

cubilin (intrinsic factor-cobalamin receptor)

Calculated MW:

398kDa

Observed MW:

450 kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse

Background Information

Cubilin (CUBN) acts as a receptor for intrinsic factor-vitamin B12 complexes. Cubilin is located within the epithelium of intestine and kidney. Mutations in CUBN may play a role in autosomal recessive megaloblastic anemia. Cubilin is an endocytic receptor which plays a role in lipoprotein, vitamin and iron metabolism by facilitating their uptake (PMID: 9572993). Cubilin Acts together with LRP2 to mediate endocytosis of high-density lipoproteins, GC, hemoglobin, ALB, TF and SCGB1A1, which also acts together with AMN to mediate endocytosis of the CBLIF-cobalamin complex (PMID: 14576052). There are multiple glycosylation sites on Cubilin.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

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