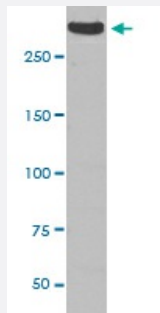


# CUBN monoclonal antibody, clone GA-3

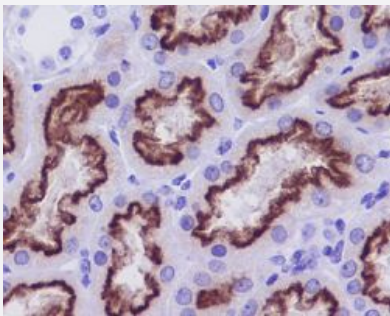
Catalog # MAB19926      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western blot analysis of human fetal kidney lysate with CUBN monoclonal antibody.



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded human kidney with CUBN monoclonal antibody.

## Specification

|                            |                                                                            |
|----------------------------|----------------------------------------------------------------------------|
| <b>Product Description</b> | Rabbit monoclonal antibody raised against synthetic peptide of human CUBN. |
| <b>Immunogen</b>           | A synthetic peptide corresponding to human CUBN.                           |
| <b>Host</b>                | Rabbit                                                                     |
| <b>Reactivity</b>          | Human                                                                      |
| <b>Form</b>                | Liquid                                                                     |
| <b>Purification</b>        | Affinity purification                                                      |
| <b>Isotype</b>             | IgG                                                                        |

|                            |                                                                                                                                                                                       |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Recommend Usage</b>     | Immunohistochemistry (1:50-1:200)<br>Western Blot (1:500-1:2000)<br>The optimal working dilution should be determined by the end user.                                                |
| <b>Storage Buffer</b>      | In PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                                                                                      |
| <b>Storage Instruction</b> | Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing. |
| <b>Note</b>                | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                                                                |

## Applications

- Western Blot (Cell lysate)

Western blot analysis of human fetal kidney lysate with CUBN monoclonal antibody.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded human kidney with CUBN monoclonal antibody.

## Gene Info — CUBN

|                           |                                                                                                                                                                                                                                                                                                                          |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Entrez GeneID</b>      | <a href="#">8029</a>                                                                                                                                                                                                                                                                                                     |
| <b>Protein Accession#</b> | <a href="#">O60494</a>                                                                                                                                                                                                                                                                                                   |
| <b>Gene Name</b>          | CUBN                                                                                                                                                                                                                                                                                                                     |
| <b>Gene Alias</b>         | FLJ90055, FLJ90747, IFCR, MGA1, gp280                                                                                                                                                                                                                                                                                    |
| <b>Gene Description</b>   | cubilin (intrinsic factor-cobalamin receptor)                                                                                                                                                                                                                                                                            |
| <b>Omim ID</b>            | <a href="#">261100 602997</a>                                                                                                                                                                                                                                                                                            |
| <b>Gene Ontology</b>      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                |
| <b>Gene Summary</b>       | Cubilin (CUBN) acts as a receptor for intrinsic factor-vitamin B12 complexes. The role of receptor is supported by the presence of 27 CUB domains. Cubilin is located within the epithelium of intestine and kidney. Mutations in CUBN may play a role in autosomal recessive megaloblastic anemia. [provided by RefSeq] |
| <b>Other Designations</b> | OTTHUMP00000019220 cubilin intrinsic factor B12-receptor intrinsic factor-cobalamin receptor intrinsic factor-vitamin B12 receptor                                                                                                                                                                                       |

## Disease

- [Alzheimer Disease](#)
- [Cardiovascular Diseases](#)
- [Colorectal Neoplasms](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Microsatellite Instability](#)
- [Spinal Dysraphism](#)
- [Tobacco Use Disorder](#)