



Podocan Polyclonal Antibody

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|---------------------------|---|
| Catalog No | BYab-04096 |
| Isotype | IgG |
| Reactivity | Human;Rat;Mouse; |
| Applications | IHC;IF;ELISA |
| Gene Name | PODN |
| Protein Name | Podocan |
| Immunogen | Synthesized peptide derived from the C-terminal region of human Podocan. |
| Specificity | Podocan Polyclonal Antibody detects endogenous levels of Podocan protein. |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source | Polyclonal, Rabbit,IgG |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Dilution | IHC: 1/100 - 1/300. ELISA: 1/40000.. IF 1:50-200 |
| Concentration | 1 mg/ml |
| Purity | ≥90% |
| Storage Stability | -20°C/1 year |
| Synonyms | PODN; SLRR5A; Podocan |
| Observed Band | |
| Cell Pathway | [Isoform 1]: Secreted, extracellular space, extracellular matrix.; [Isoform 2]: Cytoplasm .; [Isoform 3]: Cytoplasm .; [Isoform 4]: Cytoplasm . |
| Tissue Specificity | Kidney, heart, liver, pancreas and vascular smooth muscle cells. Also detected in aortic intima (at protein level). |
| Function | PTM:N-glycosylated.,similarity:Belongs to the small leucine-rich proteoglycan (SLRP) family. Class V subfamily.,similarity:Contains 20 LRR (leucine-rich) repeats.,subunit:Binds to type I collagen.,tissue specificity:Kidney, heart, liver, pancreas and vascular smooth muscle cells., |
| Background | The protein encoded by this gene is a member of the small leucine-rich repeat protein family and contains an amino terminal CX3CXCX7C cysteine-rich cluster followed by a leucine-rich repeat domain. Studies suggest that this protein could function to inhibit smooth muscle cell proliferation and migration following arterial injury. [provided by RefSeq, Jul 2016], |

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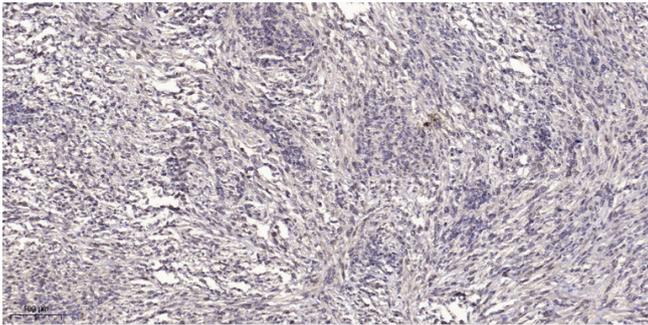
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Immunohistochemical analysis of paraffin-embedded human small intestinal carcinoma tissue. 1,primary Antibody was diluted at 1:200(4° overnight). 2, Sodium citrate pH 6.0 was used for antigen retrieval(>98° C,20min). 3,Secondary antibody was diluted at 1:200