

Podocan Polyclonal Antibody

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|------------------------------|---|
| Catalog No : | YT3808 |
| Reactivity : | Human;Rat;Mouse; |
| Applications : | IHC;IF;ELISA |
| Target : | Podocan |
| Gene Name : | PODN |
| Protein Name : | Podocan |
| Human Gene Id : | 127435 |
| Human Swiss Prot No : | Q7Z5L7 |
| Mouse Swiss Prot No : | Q7TQ62 |
| 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 |
| Dilution : | IHC 1:100 - 1:300. ELISA: 1:40000.. IF 1:50-200 |
| Purification : | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Concentration : | 1 mg/ml |
| Storage Stability : | -15°C to -25°C/1 year(Do not lower than -25°C) |
| Molecularweight : | 69kD |

Background :

The protein encoded by this gene is a member of the small leucine-rich repeat protein family and contains an amino terminal CX3CX7C 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],

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.,

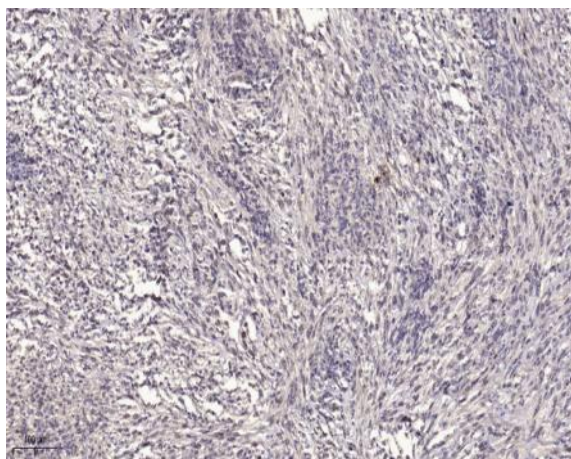
Subcellular Location :

[Isoform 1]: Secreted, extracellular space, extracellular matrix.; [Isoform 2]: Cytoplasm .; [Isoform 3]: Cytoplasm .; [Isoform 4]: Cytoplasm .

Expression :

Kidney, heart, liver, pancreas and vascular smooth muscle cells. Also detected in aortic intima (at protein level).

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