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Anti-Podocan Antibody
Rabbit polyclonal antibody to Podocan
Catalog # AP61347

Specification

Anti-Podocan Antibody - Product Information

Application	**WB, IH**
Primary Accession	Q7Z5L7
Other Accession	Q7TQ62
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**68976**

Anti-Podocan Antibody - Additional Information

Gene ID 127435

Other Names
SLRR5A; Podocan

Target/Specificity
Recognizes endogenous levels of Podocan protein.

Dilution
WB~~WB (1/500 - 1/1000), IH (1/50 - 1/200)
IH~~WB (1/500 - 1/1000), IH (1/50 - 1/200)

Format
Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage
Store at -20 °C.Stable for 12 months from date of receipt

Anti-Podocan Antibody - Protein Information

Name PODN

Synonyms SLRR5A

Function
Negatively regulates cell proliferation and cell migration.

Cellular Location
[Isoform 1]: Secreted, extracellular space, extracellular matrix [Isoform 3]: Cytoplasm.

Tissue Location

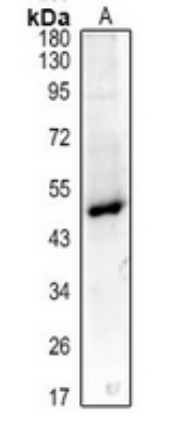
Kidney, heart, liver, pancreas and vascular smooth muscle cells. Also detected in aortic intima (at protein level)

Anti-Podocan Antibody - Protocols

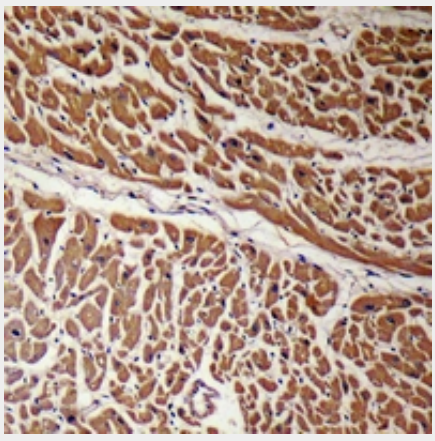
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-Podocan Antibody - Images



Western blot analysis of Podocan expression in MEF (A) whole cell lysates.



Immunohistochemical analysis of Podocan staining in human heart formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Anti-Podocan Antibody - Background

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KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Podocan. The exact sequence is proprietary.