

INF2 Antibody

Catalog # ASC12108

Specification

INF2 Antibody - Product Information

Application Primary Accession Other Accession Host Clonality Isotype Calculated MW WB, E <u>Q27J81</u> <u>NP_071934</u> Rabbit Polyclonal IgG Predicted: 137 kDa

Observed: 160 kDa KDa

INF2 Antibody - Additional Information

Gene ID 64423 Alias Symbol INF2 Other Names INF2 Antibody: FSGS5, CMTDIE, C14orf151, C14orf173

Target/Specificity INF2 Antibody is predicted to not cross-react with other INF1.

Reconstitution & Storage

INF2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Precautions INF2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

INF2 Antibody - Protein Information

Name INF2

Synonyms C14orf151, C14orf173

Function Severs actin filaments and accelerates their polymerization and depolymerization.

Cellular Location Cytoplasm, perinuclear region

Tissue Location Widely expressed. In the kidney, expression is apparent in podocytes and some tubule cells



INF2 Antibody - Protocols

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

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- <u>Flow Cytomety</u>
- Cell Culture

INF2 Antibody - Images

INF2 Antibody - Background

INF2 is a member of the formin family of proteins. It is considered a diaphanous formin due to the presence of a diaphanous inhibitory domain located at the N-terminus of the encoded protein. Studies of a similar mouse protein indicate that the protein encoded by this locus may function in polymerization and depolymerization of actin filaments. Mutations at this locus have been associated with focal segmental glomerulosclerosis 5