

INF2 Antibody

Catalog # ASC12108

Product Information

Application	WB, E
Primary Accession	Q27J81
Other Accession	NP_071934
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Clone Names	INF2
Calculated MW	135624

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.

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

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.