10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

INF2 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17660c

Specification

INF2 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	Q27J81
Other Accession	NP_001026884.3
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**135624**
Antigen Region	**589-616**

INF2 Antibody (Center) - Additional Information

Gene ID 64423

Other Names
Inverted formin-2, HBEBP2-binding protein C, INF2, C14orf151, C14orf173

Target/Specificity
This INF2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 589-616 amino acids from the Central region of human INF2.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

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

INF2 Antibody (Center) - Protein Information

Name INF2

Synonyms C14orf151, C14orf173

Function Severs actin filaments and accelerates their polymerization and depolymerization.

Cellular Location
Cytoplasm, perinuclear region

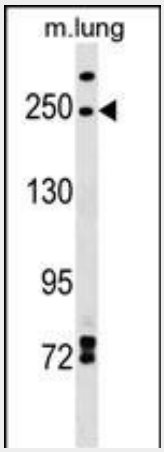
Tissue Location
Widely expressed. In the kidney, expression is apparent in podocytes and some tubule cells

INF2 Antibody (Center) - 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

INF2 Antibody (Center) - Images



INF2 Antibody (Center) (Cat. #AP17660c) western blot analysis in mouse lung tissue lysates (35ug/lane).This demonstrates the INF2 antibody detected the INF2 protein (arrow).

INF2 Antibody (Center) - Background

This gene represents 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.

INF2 Antibody (Center) - References

Brown, E.J., et al. Nat. Genet. 42(1):72-76(2010)
Chhabra, E.S., et al. J. Biol. Chem. 281(36):26754-26767(2006)

Bindschadler, M., et al. Proc. Natl. Acad. Sci. U.S.A. 101(41):14685-14686(2004)