BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-Kin of IRRE-like protein 3 KIRREL3 Antibody

Catalog Number: A07202

About KIRREL3

KIRREL3, also known as nephrin-like protein 2, is a type I transmembrane protein belonging to a family of three podocin interacting proteins and the immunoglobulin superfamily (1). KIRREL3 is involved in the regulation of both glomerular and neural development (2), and more specifically, the nucleogenesis of the pontine nuclei in the developing hindbrain (3). KIRREL3 has also been shown to interact with the synaptic scaffold protein calmodulin-associated serine/threonine kinase (CASK) in neuronal cells (4).

Submit a product review to Biocompare.com





Submit a review of this product to Biocompare.com to receive a $20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.

Overview

Product Name	Anti-Kin of IRRE-like protein 3 KIRREL3 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Kin of IRRE-like protein 3 KIRREL3 Antibody (Catalog # A07202). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	KIRREL3 antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q8IZU9

Technical Details

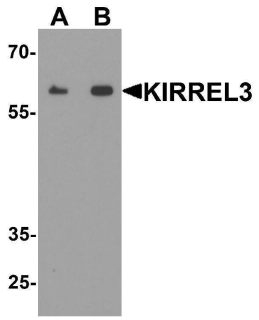
Immunogen	KIRREL3 antibody was raised against a 19 amino acid peptide near the amino terminus of human KIRREL3. The immunogen is located within amino acids 20 - 70 of KIRREL3.
Predicted Reactive Species	Mouse, Rat
Cross Reactivity	KIRREL3 antibody is human, mouse and rat reactive. At least two isoforms are known to exist; this antibody will detect both isoforms. KIRREL3 antibody is predicted to not cross-react with other

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

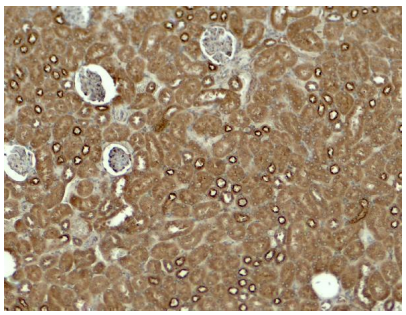
	members of the KIRREL protein family.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	KIRREL3 antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	KIRREL3 antibody can be used for detection of KIRREL3 by Western blot at 1 - 2 ug/ml. Antibody can also be used for immunohistochemistry starting at 5 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in mouse samples; Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

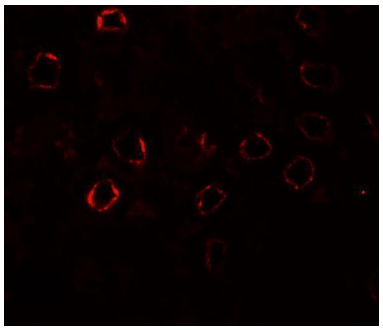
Anti-Kin of IRRE-like protein 3 KIRREL3 Antibody (A07202) Images



Western blot analysis of KIRREL3 in mouse kidney tissue lysate with KIRREL3 antibody at (A) 1 and (B) 2 ug/ml.



Immunohistochemistry of KIRREL3 in mouse kidney tissue with KIRREL3 antibody at 5 ug/ml.



Immunofluorescence of KIRREL3 in mouse kidney tissue with KIRREL3 antibody at 20 ug/ml.

Anti-Kin of IRRE-like protein 3 KIRREL3 Antibody

For Research Use Only. Not for use in diagnostic procedures.