BOSTER BIOLOGICAL TECHNOLOGY
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Anti-DRGX Antibody

Catalog Number: A17321

About DRGX

DRGX, also known as DRG11 or PRRXL1, is a paired homeodomain transcription factor, and was initially cloned from a differential hybridization screen aimed at identifying dorsal root ganglia (DRG)-specific genes. DRGX is a key regulator of the differentiation of the spinal cord neuronal circuit dedicated to the processing of nociceptive information. DRGX is also important for the formation of the whisker-related somatosensory maps in the principal sensory nucleus of the trigeminal nerve, thalamus and somatosensory cortex.

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Overview

Product Name	Anti-DRGX Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-DRGX Antibody (Catalog # A17321). Tested in ELISA, WB, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, WB
Clonality	Polyclonal
Formulation	DRGX Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	DRGX antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Chicken
Uniprot ID	A6NNA5

Technical Details

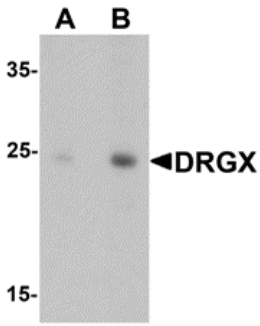
Immunogen	DRGX antibody was raised against a 19 amino acid synthetic peptide near the carboxy terminus of human DRGX. The immunogen is located within the last 50 amino acids of DRGX.
Cross Reactivity	At least two are known to exist; DRGX antibody is predicted to not cross-react with other Homeodomain proteins.
Isotype	IgY

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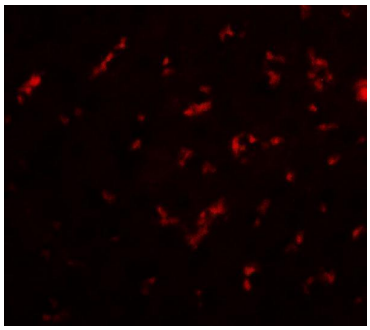
Form	Liquid
Concentration	1 mg/mL
Purification	DRGX Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	DRGX antibody can be used for detection of DRGX by Western blot at 1 - 2 ug/mL. Antibody can also be used for immunofluorescence starting at 20 ug/mL. For immunofluorescence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

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Anti-DRGX Antibody (A17321) Images



Western blot analysis of DRGX in rat liver tissue lysate with DRGX antibody at (A) 1 and (B) 2 ug/mL.



Immunofluorescence of DRGX in rat liver cells with DRGX antibody at 20 ug/mL.

Anti-DRGX Antibody

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