BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
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Anti-LRRC8A Antibody

Catalog Number: A03517

About LRRC8A

The leucine rich repeat containing 8 family member A protein (LRRC8A) belongs the LRRC8 family of proteins within the LRR superfamily of proteins, which are involved in diverse biological processes, including cell adhesion, cellular trafficking, and hormone-receptor interactions (1,2). LRRC8A is a four-pass transmembrane protein that plays a role in B cell development. Defects in this gene cause autosomal dominant non-Bruton type agammaglobulinemia, an immunodeficiency disease resulting from defects in B cell maturation (1). LRRC8A has also been shown to be an essential component of the volume-regulated anion channel VRAC (3).

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Overview

Product Name	Anti-LRRC8A Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-LRRC8A Antibody (Catalog # A03517). Tested in ELISA, WB, IHC-P applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IHC-P, WB
Clonality	Polyclonal
Formulation	LRRC8A antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	LRRC8A antibody can be stored at 4°C, stable for up to one year.
Host	Rabbit
Uniprot ID	Q8IWT6

Technical Details

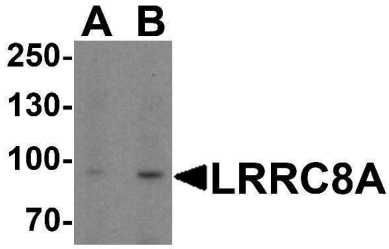
Immunogen	LRRC8A antibody was raised against a 15 amino acid peptide near the amino terminus of human LRRC8A. The immunogen is located within amino acids 60 - 110 of LRRC8A.
Predicted Reactive Species	Chicken, Mouse
Cross Reactivity	LRRC8A antibody is human, mouse and rat reactive.

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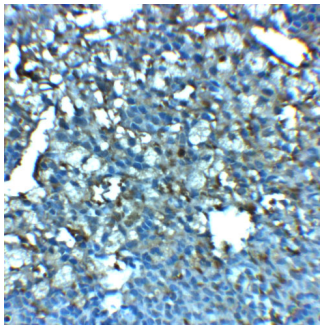
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	LRRC8A antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	LRRC8A antibody can be used for detection of LRRC8A by Western blot at 1 - 2 ug/ml. Antibody can also be used for immunohistochemistry starting at 2.5 ug/mL. Antibody validated: Western Blot in mouse samples and Immunohistochemistry 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-LRRC8A Antibody (A03517) Images



Western blot analysis of LRRC8A in EL4 cell lysate with LRRC8A antibody at (A) 1 and (B) 2 ug/ml.



Immunohistochemistry of LRRC8A in rat spleen tissue with LRRC8A antibody at 2.5 ug/mL.

Anti-LRRC8A Antibody

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