BOSTER BIOLOGICAL TECHNOLOGY
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Anti-GDPD5 Antibody

Catalog Number: A10116

About GDPD5

The glycerophosphodiester phosphodiesterase domain containing 5 (GDPD5) protein, also known as GDE2, is a seven transmembrane, widely expressed protein (1) that is necessary for spinal motor neuron differentiation and retinoid-induced neuronal outgrowth (2,3). Altered choline phospholipid metabolism is a hallmark of cancer, and the elevated expression of GDPD5 correlates with malignant choline phospholipid metabolite profiles in human breast cancer (4).

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Overview

Product Name	Anti-GDPD5 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-GDPD5 Antibody (Catalog # A10116). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	GDPD5 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	GDPD5 antibody can be stored at 4°C, stable for up to one year.
Host	Rabbit
Uniprot ID	Q8WTR4

Technical Details

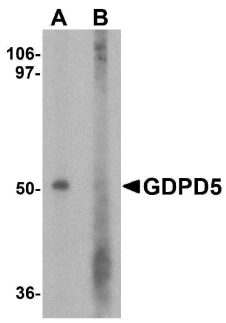
Immunogen	GDPD5 antibody was raised against an 18 amino acid peptide near the amino terminus of human GDPD5. The immunogen is located within the first 50 amino acids of GDPD5.
Predicted Reactive Species	Chicken
Cross Reactivity	GDPD5 antibody is human, mouse and rat reactive. At least three isoforms of GDPD5 are known to exist.

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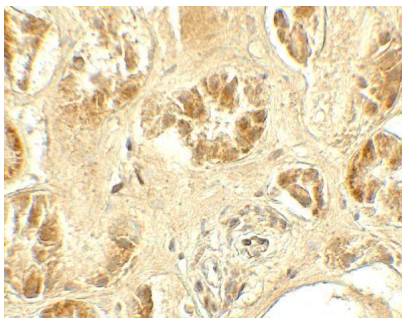
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	GDPD5 antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	GDPD5 antibody can be used for detection of GDPD5 by Western blot at 1 - 2 ug/ml. Antibody can also be used for Immunohistochemistry at 5 ug/mL. For Immunoflorescence start at 20 ug/mL. Antibody validated: Western Blot in mouse samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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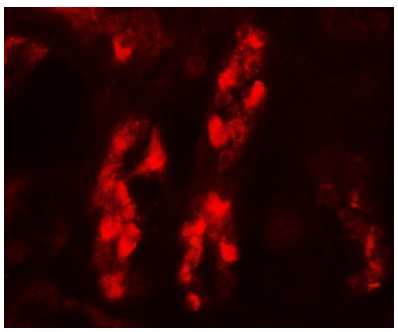
Anti-GDPD5 Antibody (A10116) Images



Western blot analysis of GDPD5 in mouse kidney tissue lysate with GDPD5 antibody at 1 ug/ml in (A) the absence and (B) the presence of blocking peptide.



Immunohistochemistry of GDPD5 in human kidney tissue with GDPD5 antibody at 5 ug/mL.



Immunofluorescence of GDPD5 in human kidney tissue with GDPD5 antibody at 20 ug/mL.

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