

Anti-Zinc finger protein PLAGL2 PLAGL2 Antibody

Catalog Number: A09816

About PLAGL2

The PLAG (Pleiomorphic adenoma gene) family of zinc finger proteins include PLAG1, ZAC1 and PLAG-like 2 (PLAGL2). PLAG1 is the target gene for the pleiomorphic adenomas of the salivary gland. ZAC1 (PLAGL1) concomitantly controls apoptosis and cell cycle arrest through separate pathways. ZAC1 also acts as a transcriptional cofactor for nuclear receptors. PLAGL2 belongs to the krueppel C2H2-type zinc-finger protein family and contains 6 C2H2-type zinc fingers. It functions as a positive regulator of transcription and localizes to the nucleus. PLAGL2 is ubiquitously expressed with particular abundance in spleen, lung and testis, where it may be involved in cell cycle arrest and apoptosis of tumor cells.

Overview

Product Name	Anti-Zinc finger protein PLAGL2 PLAGL2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Zinc finger protein PLAGL2 PLAGL2 Antibody (Catalog # A09816). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	PLAGL2 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	PLAGL2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9UPG8

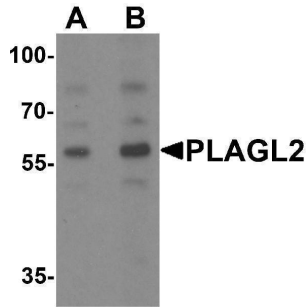
Technical Details

Immunogen	PLAGL2 antibody was raised against a 19 amino acid synthetic peptide near the amino terminus of human PLAGL2. The immunogen is located within amino acids 40 - 90 of PLAGL2.
Predicted Reactive Species	Bovine, Mouse, Rat
Cross Reactivity	At least two isoforms are known to exist.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	PLAGL2 Antibody is affinity chromatography purified via peptide column.

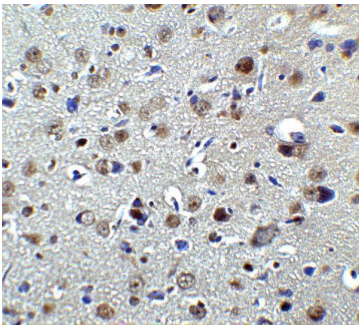
Suggested Dilutions

PLAGL2 antibody can be used for detection of PLAGL2 by Western blot at 1 - 2 ug/mL. Antibody can also be used for Immunohistochemistry at 2 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in rat samples; Immunohistochemistry 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.

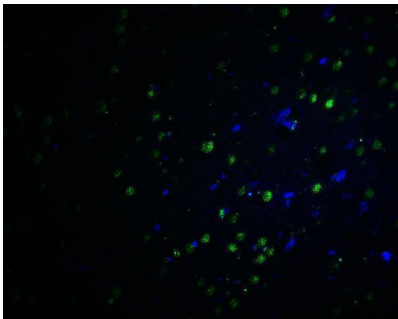
Anti-Zinc finger protein PLAGL2 PLAGL2 Antibody (A09816) Images



Western blot analysis of PLAGL2 in rat brain tissue lysate with PLAGL2 antibody at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry of PLAGL2 in rat brain tissue with PLAGL2 antibody at 2 ug/ml.



Immunofluorescence of PLAGL2 in rat brain tissue with PLAGL2 antibody at 20 ug/ml. Green: PLAGL2 Antibody (A09816) Blue: DAPI staining

Submit a product review to [Biocompare.com](https://www.biocompare.com)

Submit a review of this product to [Biocompare.com](https://www.biocompare.com) to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-Zinc finger protein PLAGL2 PLAGL2 Antibody

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