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Datasheet for ABIN6991761 **anti-PLAGL2 antibody (N-Term)**

Overview

Quantity:	0.1 mg
Target:	PLAGL2
Binding Specificity:	AA 40-90, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLAGL2 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product 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.
Isotype:	IgG
Specificity:	At least two isoforms are known to exist.
Purification:	PLAGL2 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	PLAGL2
Alternative Name:	PLAGL2 (PLAGL2 Products)

Target Details

Background:	PLAGL2 Antibody: 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.
Molecular Weight:	55 kDa
Gene ID:	5326
NCBI Accession:	NP_002648
UniProt:	Q9UPG8

Application Details

Application Notes:	PLAGL2 antibody can be used for detection of PLAGL2 by Western blot at 1 - 2 µg/mL. Antibody can also be used for Immunohistochemistry at 2 µg/mL. For immunofluorescence start at 20 µg/mL.
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Antibody validated: Western Blot in rat samples, Immunohistochemistry in rat samples and Immunofluorescence in rat samples. All other applications and species not yet tested.

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PLAGL2 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	PLAGL2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As

with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.