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PLAGL1 Rabbit pAb

Catalog # AP97698

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9UM63
Other Accession	Q9UM63
Reactivity	Mouse
Predicted	Rat, Pig, Human, Zebrafish, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	50819
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human PLAGL1
Epitope Specificity	1-100/463
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the krueppel C2H2-type zinc-finger protein family. Contains 7 C2H2-type zinc fingers.
SUBUNIT	Interacts with THRSP.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a C2H2 zinc finger protein with transactivation and DNA-binding activities. It has been shown to have anti-proliferative properties, and thus thought to function as a tumor suppressor. In addition, overexpression of this gene during fetal development is believed to underlie the rare disorder, transient neonatal diabetes mellitus (TNDM). This gene is imprinted, with preferential expression of the paternal allele in many tissues, however, biallelic expression has been noted in peripheral blood leucocytes. A recent study reports that tissue-specific imprinting results from variable utilization of monoallelic and biallelic promoters. Many transcript variants differing in the 5' UTR and encoding two different isoforms, have been found for this gene. [provided by RefSeq, Oct 2010].

Additional Information

Gene ID	5325
Other Names	LOT1; ZAC; ZAC1; 2610311E24Rik; PLAL1_HUMAN; PLAGL1; Lost on transformation 1 (LOT-1); Pleiomorphic adenoma-like protein 1; Tumor suppressor ZAC; PLAG1 like zinc finger 1; pleiomorphic adenoma gene-like 1
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody

is stable for at least two weeks at 2-4 °C.

Protein Information

Name	PLAGL1
Synonyms	LOT1, ZAC
Function	Acts as a transcriptional activator (PubMed: 9722527). Involved in the transcriptional regulation of type 1 receptor for pituitary adenylate cyclase-activating polypeptide.
Cellular Location	Nucleus

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.