

ARG40792 anti-PLAGL1 / ZAC antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes PLAGL1 / ZAC
Tested Reactivity	Hu
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PLAGL1 / ZAC
Species	Human
Immunogen	KLH conjugated synthetic peptide between aa. 112-146 of Human PLAGL1 / ZAC.
Conjugation	Un-conjugated
Alternate Names	LOT-1; LOT1; ZAC; Lost on transformation 1; Pleiomorphic adenoma-like protein 1; Zinc finger protein PLAGL1; Tumor suppressor ZAC; ZAC1

Application Instructions

Application table	Application	Dilution
	WB	1:2000

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

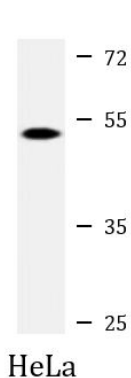
Form	Liquid
Purification	Purification with Protein A and immunogen peptide.
Buffer	PBS and 0.09% (W/V) Sodium azide.
Preservative	0.09% (W/V) Sodium azide.
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	PLAGL1
-------------	--------

Gene Full Name	pleiomorphic adenoma gene-like 1
Background	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]
Function	Shows weak transcriptional activatory activity. Transcriptional regulator of the type 1 receptor for pituitary adenylate cyclase-activating polypeptide. [UniProt]
Calculated Mw	51 kDa
Cellular Localization	Nucleus. [UniProt]

Images



ARG40792 anti-PLAGL1 / ZAC antibody WB image

Western blot: 20 µg of HeLa cell lysate stained with ARG40792 anti-PLAGL1 / ZAC antibody at 1:2000 dilution.