BT LAB
Bioassay Technology Laboratory
Optimize Your Research

ZAC1 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP09642
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human PLAGL1. AA range:311-360
Mol wt	50819
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	ZAC1 Antibody
Synonyms	PLAGL1; LOT1; ZAC; Zinc finger protein PLAGL1; Lost on transformation 1; LOT-1; Pleiomorphic adenoma-like protein 1; Tumor supressor ZAC

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

PLAGL1 encodes a C2H2 zinc finger protein that functions as a suppressor of cell growth. This gene is often deleted or methylated and silenced in cancer cells. In addition, overexpression of this gene during fetal development is thought to be the causal factor for transient neonatal diabetes mellitus (TNDM). Alternative splicing and the use of alternative promoters results in multiple transcript variants encoding two different protein isoforms. The P1 downstream promoter of this gene is imprinted, with preferential expression from the paternal allele in many tissues.

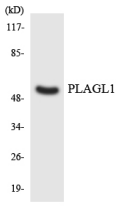
Recommended Dilution

WB: 1: 500 - 1: 2000

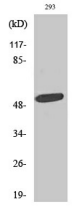
ELISA: 1: 10000

Not yet tested in other applications.

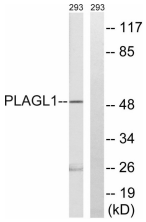
Images



Western blot analysis of the lysates from HeLa cells using PLAGL1 antibody.



Western Blot analysis of various cells using ZAC1 Polyclonal Antibody. Secondary antibody was diluted at 1:20000 cells nucleus.



Western blot analysis of lysates from 293 cells, using PLAGL1 Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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