
Summary

Production Name	ZAC1 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	PLAGL1
Alternative Names	PLAGL1; LOT1; ZAC; Zinc finger protein PLAGL1; Lost on transformation 1; LOT-1; Pleiomorphic adenoma-like protein 1; Tumor suppressor ZAC
Gene ID	5325.0
SwissProt ID	Q9UM63.The antiserum was produced against synthesized peptide derived from human PLAGL1. AA range:311-360

Application

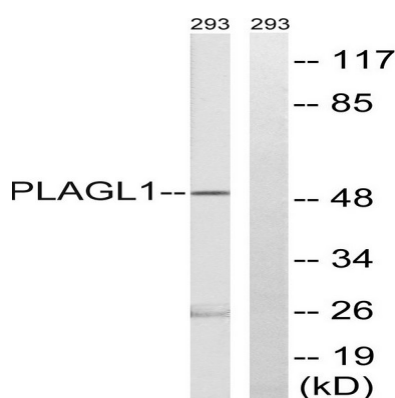
Dilution Ratio	WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications.
Molecular Weight	50kD

Background

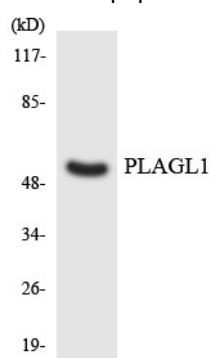
This gene encodes a C2H2 zinc finger protein that functions as a suppressor of cell growth. This gene is often deleted or methylated and silenced in cancer cells. In addition, overexpression of this gene during fetal development is thought to be the causal factor for transient neonatal diabetes mellitus (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. [provided by RefSeq, Nov 2015],function:Shows weak transcriptional activatory activity. Transcriptional regulator of the type 1 receptor for pituitary adenylate cyclase-activating polypeptide.,similarity:Belongs to the krueppel C2H2-type zinc-finger protein family.,similarity:Contains 7 C2H2-type zinc fingers.,

Research Area

Image Data

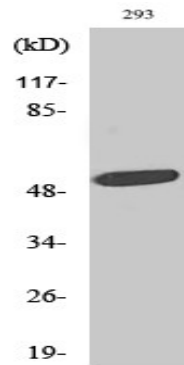


Western blot analysis of lysates from 293 cells, using PLAGL1 Antibody. The lane on the right is blocked with the synthesized peptide.



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

Product Name: ZAC1 Rabbit Polyclonal Antibody
Catalog #: APRab20024



Western Blot analysis of various cells using ZAC1 Polyclonal Antibody. Secondary antibody was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA) .

Note

For research use only.