



[Go to Product page](#)

Datasheet for ABIN1389898

anti-PLAGL1 antibody (AA 1-100) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	PLAGL1
Binding Specificity:	AA 1-100
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLAGL1 antibody is conjugated to Alexa Fluor 488
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PLAGL1
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Pig,Zebrafish
Purification:	Purified by Protein A.

Target Details

Target:	PLAGL1
Alternative Name:	PLAGL1/ZAC1 (PLAGL1 Products)

Target Details

Background:	<p>Synonyms: DKFZp781P1017, Lost on transformation 1, Lost on Transformation, LOT-1, LOT1, MGC126275, MGC126276, PLAG like 1, PLAGL1, PLAL1_HUMAN, Pleiomorphic adenoma gene like 1, Pleiomorphic adenoma gene like protein 1, Pleiomorphic adenoma-like protein 1, Tumor supressor ZAC, ZAC, ZAC tumor supressor, ZAC1, Zinc finger protein PLAGL1.</p> <p>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].</p>
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Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months