

DIDO1 Polyclonal Antibody

Catalog number: 10183-1-AP

Size: 45 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

DIDO1; BYE1, C20orf158, DATF

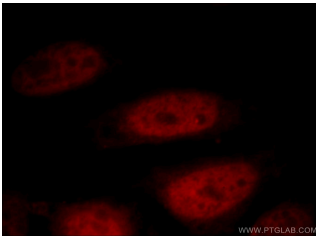
1, DATF1, death inducer

obliterator 1, DIDO1, DIDO2,

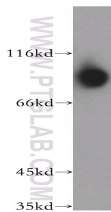
DIDO3, DIO 1, DIO1, dJ885L7.8,

DKFZp434P1115, FLJ11265,

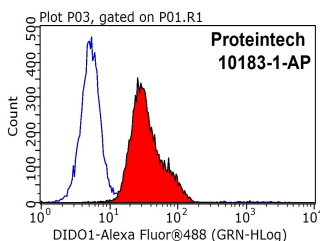
hDido1, KIAA0333



Immunofluorescent analysis of HepG2 cells, using DIDO1 antibody 10183-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



human placenta tissue were subjected to SDS PAGE followed by western blot with 10183-1-AP(DIDO1 antibody) at dilution of 1:800



1X10⁶ HepG2 cells were stained with 0.2µg DIDO1 antibody (10183-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.

Background

DIDO1, also termed DATF-1, C20orf158, DATF1, KIAA0333 and DIO-1, is a putative transcription factor, weakly pro-apoptotic when overexpressed. It is a tumor suppressor. In mice, DIDO1 is upregulated by apoptotic signals and encodes a cytoplasmic protein that translocates to the nucleus upon apoptotic signal activation. When overexpressed, the mouse protein induced apoptosis in cell lines growing in vitro. The human DIDO1 is similar to the mouse gene and therefore is thought to be involved in apoptosis. The immunogen of this antibody is the C-terminal of isoform 2 of DATF1(DIDO1).

Applications

Tested applications:	ELISA, WB, IF, FC
Species specificity:	Human,Mouse,Rat; other species not tested.
Calculated DIDO1 MW:	59 kDa
Observed DIDO1 MW:	59-70kd
Positive WB detected in	Human placenta tissue, mouse thymus tissue
Positive IF detected in	HepG2 cells
Positive FC detected in	HepG2 cells
Recommended dilution:	WB: 1:200-1:2000
	IF: 1:10-1:100
	FC: N/A

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag0237
GenBank accession number:	BC000770
Gene ID (NCBI):	11083
Full name:	Death inducer-obliterator 1

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.