Product Name: Dio-1 Rabbit Polyclonal Antibody
Catalog #: APRab09984

Summary

Production Name	Dio-1 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,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	DIDO1
Alternative Names	DIDO1; C20orf158; DATF1; KIAA0333; Death-inducer obliterator 1; DIO-1; hDido1; Death-associated transcription factor 1; DATF-1
Gene ID	11083.0
SwissProt ID	Q9BTC0.The antiserum was produced against synthesized peptide derived from human DIDO1. AA range:161-210

Application

Dilution Ratio	WB 1:500 - 1:2000. ELISA: 1:10000..
Molecular Weight	244kD

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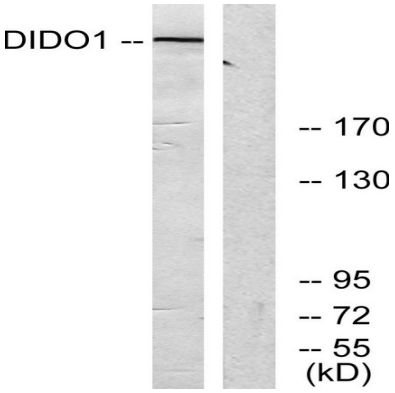
Background

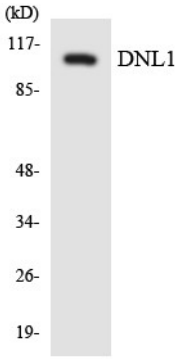
Apoptosis, a major form of cell death, is an efficient mechanism for eliminating unwanted cells and is of central importance for development and homeostasis in metazoan animals. In mice, the death inducer-obliterator-1 gene is upregulated by apoptotic signals and encodes a cytoplasmic protein that translocates to the nucleus upon apoptotic signal activation. When overexpressed, the mouse protein induced apoptosis in cell lines growing in vitro. This gene is similar to the mouse gene and therefore is thought to be involved in apoptosis. Alternatively spliced transcripts have been found for this gene, encoding multiple isoforms. [provided by RefSeq, Jul 2008],disease:Defects in DIDO1 may be a cause of myeloid neoplasms.,function:Putative transcription factor, weakly pro-apoptotic when overexpressed (By similarity). Tumor suppressor.,similarity:Contains 1 PHD-type zinc finger.,similarity:Contains 1 TFIIS central domain.,subcellular location:Translocates to the nucleus after pro-apoptotic stimuli.,tissue specificity:Ubiquitous.,

Research Area

Image Data



Western blot analysis of lysates from 293 cells, using DIDO1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HepG2 cells using DNL1 antibody.

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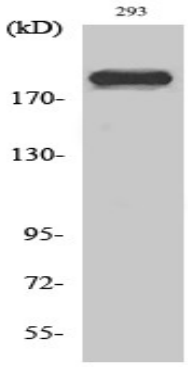

Western Blot analysis of various cells using Dio-1 Polyclonal Antibody diluted at 1： 2000

Note

For research use only.