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

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,ELISA
<b>Reactivity</b>	Human,Mouse
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
<b>Molecular Weight</b>	244kDa

**Antigen Information**

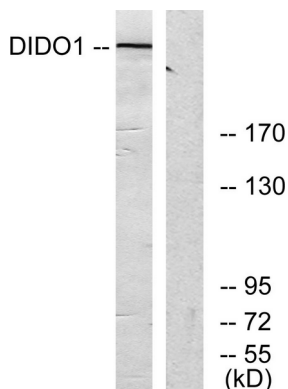
<b>Gene Name</b>	DIDO1
<b>Alternative Names</b>	DIDO1; C20orf158; DATF1; KIAA0333; Death-inducer obliterator 1; DIO-1; hDido1; Death-associated transcription factor 1; DATF-1
<b>Gene ID</b>	11083.0
<b>SwissProt ID</b>	Q9BTC0
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human DIDO1. AA range:161-210

**Background**

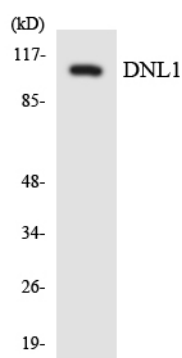
Apoptosis, a major form of cell death, is an efficient mechanism for eliminating unwanted cells and is of central importance for development and homeostasis in metazoan animals. In mice, the death inducer-oblierator-1 gene is upregulated by apoptotic signals and encodes a cytoplasmic protein that translocates 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 TFIIIS central domain.,subcellular location:Translocates to the nucleus after pro-apoptotic stimuli.,tissue specificity:Ubiquitous.,

## Research Area

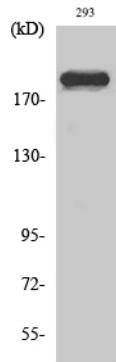
### Image Data



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.



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