

Dio-1 Polyclonal Antibody

Catalog No :	YT1351
Reactivity :	Human;Mouse
Applications :	WB;IHC;IF;ELISA
Target :	Dio-1
Gene Name :	DIDO1
Protein Name :	Death-inducer obliterator 1
Human Gene Id :	11083
Human Swiss Prot No :	Q9BTC0
Mouse Gene Id :	23856
Mouse Swiss Prot No :	Q8C9B9
Immunogen :	The antiserum was produced against synthesized peptide derived from human DIDO1. AA range:161-210
Specificity :	Dio-1 Polyclonal Antibody detects endogenous levels of Dio-1 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:10000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 244kD

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-obliterators-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],

Function : 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.,

Subcellular Location : Cytoplasm . Nucleus . Cytoplasm, cytoskeleton, spindle . Translocates to the nucleus after pro-apoptotic stimuli (By similarity). Translocates to the mitotic spindle upon loss of interaction with H3K4me3 during early mitosis. .

Expression : Ubiquitous.

Tag : orthogonal

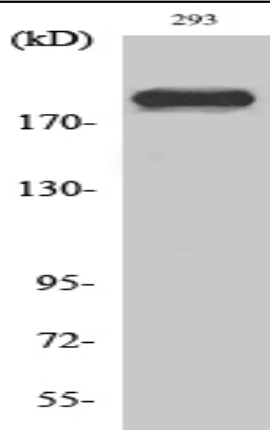
Sort : 5138

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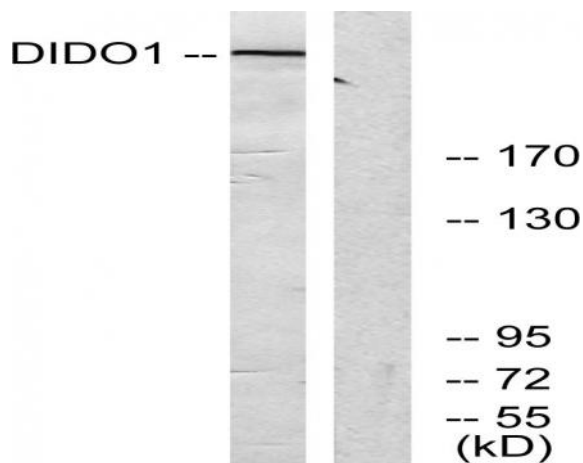
Host : Rabbit

Modifications : Unmodified

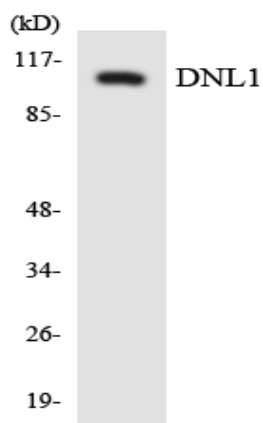
Products Images



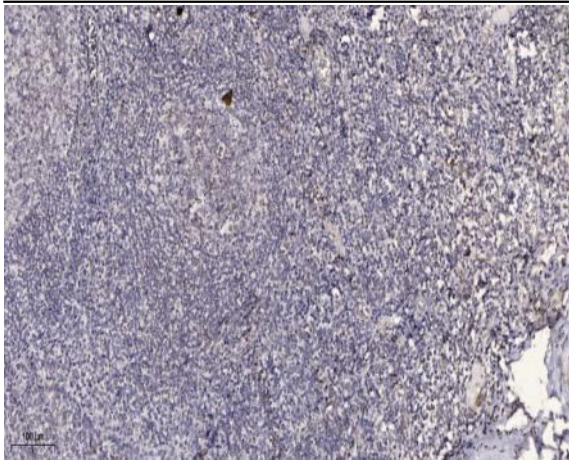
Western Blot analysis of various cells using Dio-1 Polyclonal Antibody diluted at 1:2000



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.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).