



Dio-1 Monoclonal Antibody

Catalog No	YP-mAb-00374
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	DIDO1
Immunogen	The antiserum was produced against synthesized peptide derived from human DIDO1. AA range:161-210
Specificity	Dio-1 Monoclonal Antibody detects endogenous levels of Dio-1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	5DI;DIOI;EC:1.21.99.4;ITDI1;TXDI1;Dio-1;DIDO1;Death-inducer obliterator 1; C20orf158;DATF1;KIAA0333;hDido1;Death-associated transcription factor 1; DATF-1
Observed Band	244kD
Calculated Molecular Weight	244kD
Cell Pathway	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. .
Tissue Specificity	Ubiquitous.
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.,



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],

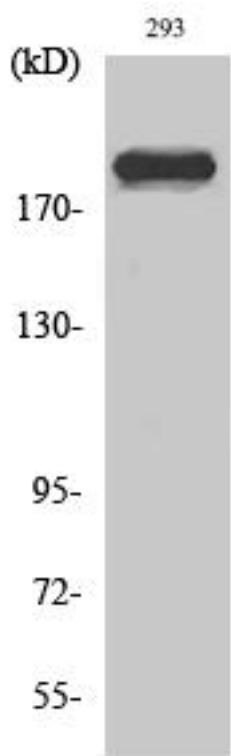
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using Dio-1 Monoclonal Antibody