

For Research Use Only

# DIDO1 Polyclonal antibody, PBS Only

Catalog Number:10183-1-PBS



## Basic Information

<b>Catalog Number:</b> 10183-1-PBS	<b>GenBank Accession Number:</b> BC000770	<b>Purification Method:</b> Antigen affinity purification
<b>Concentration:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 11083	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9BTC0	
<b>Isotype:</b> IgG	<b>Full Name:</b> death inducer-obliterator 1	
<b>Immunogen Catalog Number:</b> AG0237	<b>Calculated MW:</b> 244 kDa	
	<b>Observed MW:</b> 300-350 kDa	

## Applications

**Tested Applications:**  
WB, IHC, IF/ICC, Indirect ELISA

**Species Specificity:**  
human, mouse, rat

## Background Information

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. DIDO1 has multiple isoforms with molecular weights of 243 kd, 129 kd, 59 kd, and 61 kd. DIDO1 undergoes various modifications, including phosphorylation and ubiquitination, resulting in a mainstream molecular weight of 300 kd.

## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS only, pH7.3

For technical support and original validation data for this product please contact:

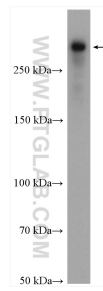
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

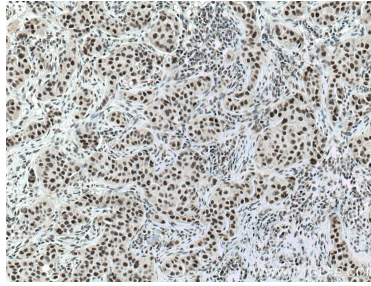
W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

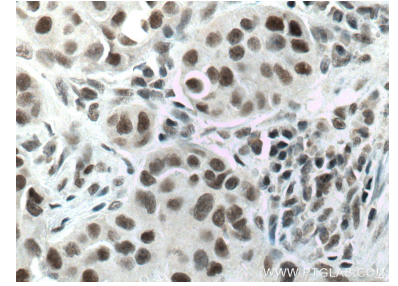
## Selected Validation Data



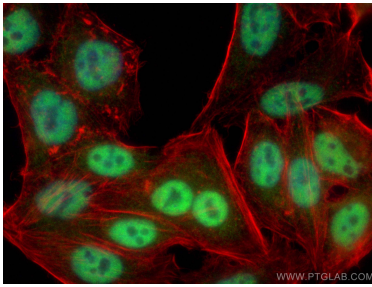
Raji cells were subjected to SDS PAGE followed by western blot with 10183-1-AP (DIDO1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 10183-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 10183-1-AP (DIDO1 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 10183-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 10183-1-AP (DIDO1 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 10183-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using DIDO1 antibody (10183-1-AP) at dilution of 1:200 and CoralLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red). This data was developed using the same antibody clone with 10183-1-PBS in a different storage buffer formulation.