

Dio-1 Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10438**Specification**

Dio-1 Antibody - Product Information

Application	WB
Primary Accession	Q8C9B9
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	247176

Dio-1 Antibody - Additional Information**Gene ID** 23856**Application & Usage**

Western blotting (0.5-4 µg/ml). However, the optimal concentrations should be determined individually. Other applications have not been tested. The antibody recognizes the 62 kDa human and mouse Dio-1 in Western blot analysis. Jurkat cell lysate and mouse small intestine tissue lysate can be used as positive controls.

Other Names

BYE1, C20orf158, DATF1, DIDO2, DIDO3, DIO-1, DIO1, DKFZp434P1115, FLJ11265, KIAA0333, MGC16140, dj885L7.8

Target/Specificity

Dio-1

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

100 µg (0.2 mg/ml) protein A purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions

Precautions

Dio-1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Dio-1 Antibody - Protein Information

Name Dido1

Synonyms Datf1, Dio1

Function

Required for early embryonic stem cell development (By similarity). Putative transcription factor, weakly pro-apoptotic when overexpressed.

Cellular Location

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

Tissue Location

Ubiquitous. Expressed at intermediate levels.

Dio-1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Dio-1 Antibody - Images**Dio-1 Antibody - Background**

Apoptosis plays an important role in many cellular processes. Dio-1 (Death Inducer-O bliterator-1), a putative transcription factor, has been indicated to function in the onset of apoptosis. Dio-1 expression is upregulated when an apoptosis is detected. It translocates to the nucleus, and activates apoptosis during limb development. Dio-1 expression can be suppressed by caspase inhibitors and Bcl-2 expression.