

Dio-1 Blocking Peptide
Catalog # PBV10250b**Specification**

Dio-1 Blocking Peptide - Product Information

Primary Accession	Q9BTC0
Other Accession	NP_542986
Gene ID	11083
Calculated MW	243873

Dio-1 Blocking Peptide - Additional Information**Gene ID** 11083**Application & Usage**

The peptide is used for blocking the antibody activity of DIO-1. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30 minutes at 37°C.

Other Names

Death-inducer obliterator 1, DIO-1, hDido1, Death-associated transcription factor 1, DATF-1, DIDO1, C20orf158, DATF1, KIAA0333

Target/Specificity

Dio-1

Formulation

50 µg (0.2 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 0.1% BSA and 0.02% sodium azide.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

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

Dio-1 Blocking Peptide - Protein Information**Name** DIDO1**Synonyms** C20orf158, DATF1, KIAA0333**Function**

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

Cellular Location

Cytoplasm. Nucleus {ECO:0000255|PROSITE-ProRule:PRU00651}. Cytoplasm, cytoskeleton, spindle. Note=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 Location

Ubiquitous.

Dio-1 Blocking Peptide - 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 Blocking Peptide - Images