

PAX6 Blocking Peptide
Catalog # PBV10283b**Specification**

PAX6 Blocking Peptide - Product Information

Primary Accession	P63016
Other Accession	EDL79723
Gene ID	25509
Calculated MW	46754

PAX6 Blocking Peptide - Additional Information**Gene ID** 25509**Application & Usage**

The peptide is used for blocking the antibody activity of Pax6. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30-60 minutes at 37°C.

Other Names

Paired box protein Pax-6, Oculorhombin, Pax6, Pax-6, Sey

Target/Specificity

PAX6

Formulation

50 µg (0.5 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 1% BSA, 50% glycerol, and 0.02% thimerosal.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

PAX6 Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

PAX6 Blocking Peptide - Protein Information**Name** Pax6**Synonyms** Pax-6, Sey**Function**

Transcription factor with important functions in the development of the eye, nose, central nervous

system and pancreas. Required for the differentiation of pancreatic islet alpha cells. Competes with PAX4 in binding to a common element in the glucagon, insulin and somatostatin promoters (By similarity). Regulates specification of the ventral neuron subtypes by establishing the correct progenitor domains. Acts as a transcriptional repressor of NFATC1-mediated gene expression (By similarity).

Cellular Location

Nucleus {ECO:0000250|UniProtKB:P63015}. [Isoform 5a]: Nucleus

PAX6 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](#)

PAX6 Blocking Peptide - Images