

Pax-6 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251935

Unit: 0.1 mg

Description:

Paired box protein (Pax-6) is a transcription factor with important functions in the development of the eye, nose, central nervous system and pancreas. Pax-6 is required for the differentiation of pancreatic islet alpha cells, and competes with PAX4 in binding to a common element in the glucagon, insulin and somatostatin promoters. Pax-6 regulates specification of the ventral neuron subtypes by establishing the correct progenitor domains. Defects in Pax-6 are associated with a number of diseases and abnormalities of the eye and optic nerve.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H, M, R

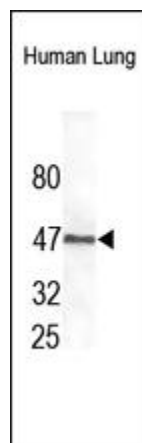
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Paired box protein Pax-6; Oculorhombin; Aniridia type II protein; PAX6; AN2

Accession No.: P26367

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Pax-6.

Application Notes: E: 1:10,000-1:50,000; WB: 1:100-1:1,000



The Pax-6 Antibody is used in Western blot to detect Pax-6 in human fetal lung lysates.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

Product Citations: Li W et al. 2012. Invest Ophthalmol Vis Sci. 50:5334-5343. PMID# 22736612

For research use only, not for diagnostic or therapeutic procedures.