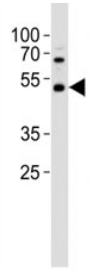
PAX6 Antibody (F52936)

Catalog No.	Formulation	Size
F52936-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F52936-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse, Bovine, Zebrafish
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P26367
Applications	Western blot: 1:1000
Limitations	This PAX6 antibody is available for research use only.



Western blot analysis of lysate from HepG2 cell line using PAX6 antibody; Ab was diluted at 1:1000. Predicted molecular weight ~48kDa.

Description

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 (By similarity). Competes with PAX4 in binding to a common element in the glucagon, insulin and somatostatin promoters. Regulates specification of the ventral neuron subtypes by establishing the correct progenitor domains (By similarity). Isoform 5a appears to function as a molecular switch that specifies target genes.

Application Notes

Titration of the PAX6 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This PAX6 antibody was produced from a rabbit immunized with a KLH conjugated synthetic peptide between 183-214 amino acids from the Central region of human PAX6.

Storage

Aliquot the PAX6 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Copyright © NSJ Bioreagents. All rights reserved.