

PAX6 Rabbit mAb

Catalog No: #59141

Package Size: #59141-1 50ul #59141-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

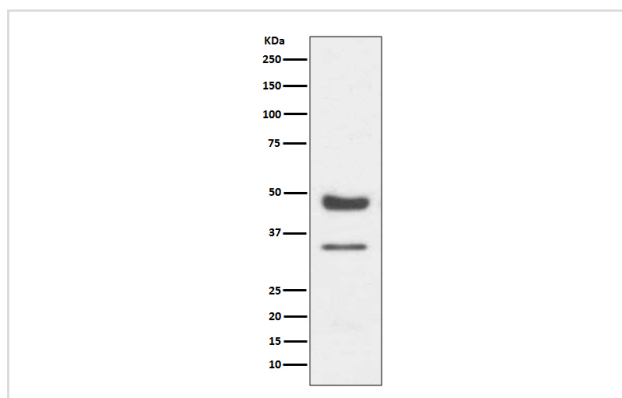
Description

Product Name	PAX6 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human Mouse Rat
Specificity	PAX6 Antibody detects endogenous levels of PAX6
Immunogen Description	A synthesized peptide derived from human PAX6
Other Names	Paired box protein Pax-6; Aniridia type II protein; Oculorhombin; PAX6; AN2;
Accession No.	Uniprot:P26367
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Calculated MW	47kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

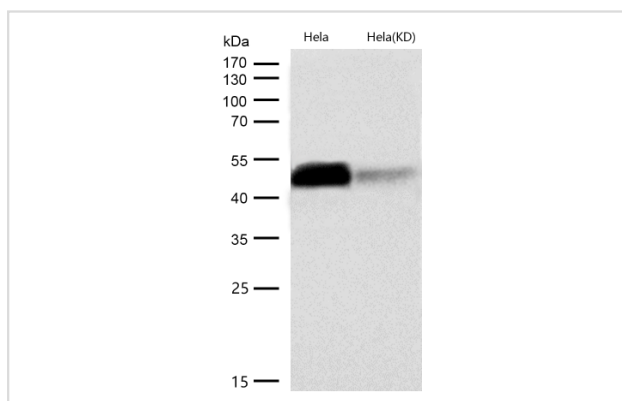
Application Details

WB 1:500~1:1000 IHC 1:50~1:200 ICC/IF 1:50~1:200

Images



Western blot analysis of PAX6 expression in Human brain lysate.



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.

Product 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.

Background

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Note: This product is for in vitro research use only