

# PAX6 Rabbit mAb

Catalog # AP74902

## Product Information

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Application	WB
Primary Accession	<a href="#">P26367</a>
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	46683

## Additional Information

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Gene ID	5080
Other Names	PAX6
Dilution	WB~~1/500-1/1000
Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

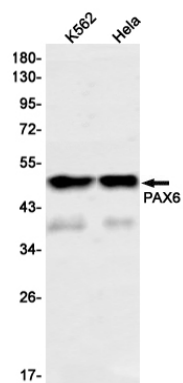
## Protein Information

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Name	PAX6
Synonyms	AN2
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 (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). Acts as a transcriptional repressor of NFATC1- mediated gene expression (By similarity).
Cellular Location	Nucleus {ECO:0000250 UniProtKB:P63015}. [Isoform 5a]: Nucleus {ECO:0000250 UniProtKB:P63016}
Tissue Location	[Isoform 1]: Expressed in lymphoblasts.

## Images

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