

Datasheet for ABIN652261
anti-PAX6 antibody (AA 352-380)



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5 Images

Overview

Quantity:	400 µL
Target:	PAX6
Binding Specificity:	AA 352-380
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAX6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This PAX6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 352-380 amino acids from human PAX6.
Clone:	RB15517
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	PAX6
Alternative Name:	PAX6 (PAX6 Products)

Target Details

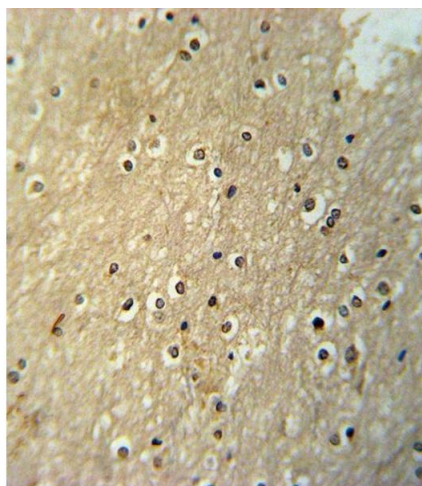
Background:	PAX6 encodes paired box gene 6, one of many human homologs of the Drosophila melanogaster gene prd. In addition to the hallmark feature of this gene family, a conserved paired box domain, the encoded protein also contains a homeo box domain. Both domains are known to bind DNA, and function as regulators of gene transcription. This gene is expressed in the developing nervous system, and in developing eyes. Mutations in this gene are known to cause ocular disorders such as aniridia and Peter's anomaly.
Molecular Weight:	46683
Gene ID:	5080
NCBI Accession:	NP_000271 , NP_001121084 , NP_001245393 , NP_001245394 , NP_001595
UniProt:	P26367
Pathways:	Peptide Hormone Metabolism , Carbohydrate Homeostasis

Application Details

Application Notes:	IF: 1:10~50. WB: 1:2000. WB: 1:1000. WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

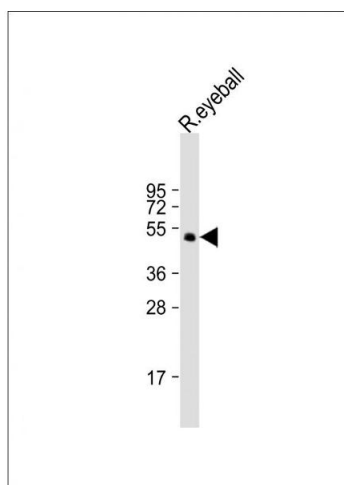
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



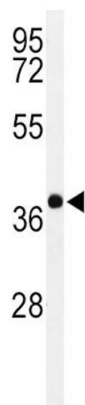
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. X6- Antibody (ABIN652261 and ABIN2841119) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the X6- Antibody for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. Anti-X6- Antibody at 1:2000 dilution + rat eyeball lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 47 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Western Blotting

Image 3. Western blot analysis of X6- (ABIN652261 and ABIN2841119) in Y79 cell line lysates (35 µg/lane). X6 (arrow) was detected using the purified b.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN652261.