

Datasheet for ABIN3028911
anti-PAX2A antibody (AA 187-216)



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2 Images

Overview

Quantity:	0.4 mL
Target:	PAX2A
Binding Specificity:	AA 187-216
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAX2A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A portion of amino acids 187-216 from the human protein was used as the immunogen for this PAX2 antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

Target:	PAX2A
Alternative Name:	PAX2 (PAX2A Products)
Background:	PAX2 encodes paired box gene 2, one of many human homologues of the Drosophila melanogaster gene prd. The central feature of this transcription factor gene family is the conserved DNA-binding paired box domain. PAX2 is believed to be a target of transcriptional

Target Details

suppression by the tumor suppressor gene WT1. Mutations within PAX2 have been shown to result in optic nerve colobomas and renal hypoplasia. Alternative splicing of this gene results in multiple transcript variants.

UniProt:	Q02962
Pathways:	Carbohydrate Homeostasis , Stem Cell Maintenance , Tube Formation

Application Details

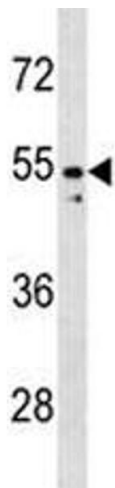
Application Notes:	Titration of the PAX2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the PAX2 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



Western Blotting

Image 1. PAX2 antibody western blot analysis in K562 lysate



Western Blotting

Image 2. PAX2 antibody western blot analysis in K562 lysate