Datasheet for ABIN5542664

anti-PAX6 antibody (AA 1-122)

6 Images

Go to Product page

Overview

Quantity:	0.1 mg
Target:	PAX6
Binding Specificity:	AA 1-122
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PAX6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Immunogen:	Purified recombinant fragment of human PAX6 (AA: 1-122) expressed in E. coli.
Clone:	1F6G2
Isotype:	IgG1
Purification:	purified

Target Details

Target:	PAX6
Alternative Name:	PAX6 (PAX6 Products)
Background:	Description: This gene encodes paired box gene 6, one of many human homologs of the

Target Details

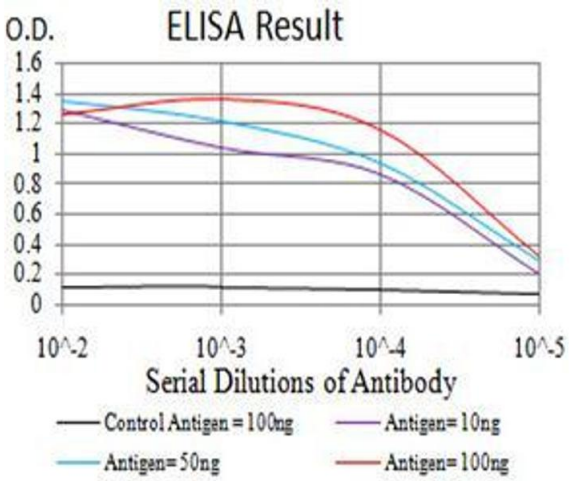
	Drosophila melanogaster gene prd. In addition to the hallmark feature of this gene family, a conserved paired box domain, the encoded protein also contains a homeo box domain. Both domains are known to bind DNA and function as regulators of gene transcription. This gene is expressed in the developing nervous system, and in developing eyes. Mutations in this gene are known to cause ocular disorders such as aniridia and Peter's anomaly. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene., Aliases: AN, AN2, FVH1, MGDA, WAGR, D11S812E
Molecular Weight:	46.7 kDa
Gene ID:	5080
HGNC:	5080
Pathways:	Peptide Hormone Metabolism, Carbohydrate Homeostasis

Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, ICC: , FCM: 1:200 - 1:400
Restrictions:	For Research Use only

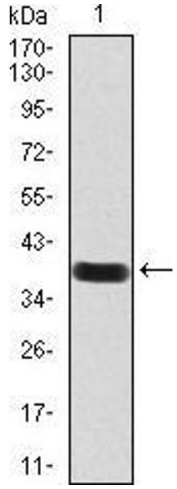
Handling

Format:	Liquid
Buffer:	Purified antibody in PBS with 0.05 % 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:	4°C, -20°C for long term storage



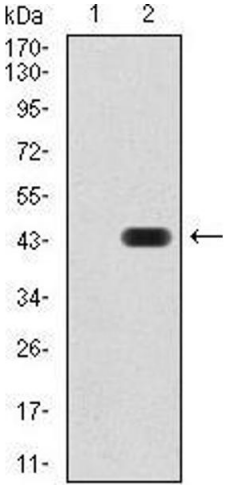
ELISA

Image 1. Black line: Control Antigen (100 ng), Purple line: Antigen(10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng),



Western Blotting

Image 2. Western blot analysis using PAX6 mAb against human PAX6 (AA: 1-122) recombinant protein. (Expected MW is 39.2 kDa)



Western Blotting

Image 3. Western blot analysis using PAX6 mAb against HEK293 (1) and PAX6 (AA: 1-122)-hIgGFc transfected HEK293 (2) cell lysate.

Please check the product details page for more images. Overall 6 images are available for ABIN5542664.