

## anti- PAX6 antibody

### Product Information

Catalog No.:	FNab06172
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

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.

### Immunogen information

Immunogen:	paired box 6
Synonyms:	AN, AN2, Aniridia type II protein, D11S812E, MGDA, Oculorhombin, paired box 6, Paired box protein Pax 6, PAX6, WAGR
Observed MW:	47kd
Uniprot ID :	P26367

### Application

Reactivity:	Human, Mouse, Rat
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### Wuhan Fine Biotech Co., Ltd.

B9 Bld, High-Tech Medical Devices Park, No. 818 Gaoxin Ave. East Lake High-Tech Development Zone. Wuhan, Hubei, China(430206)

Tel : (0086)027-87384275

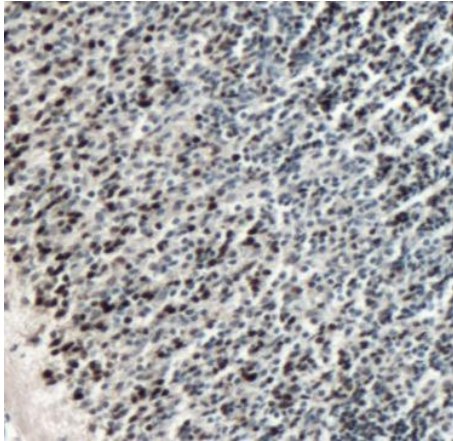
Fax: (0086)027-87800889

[www.fn-test.com](http://www.fn-test.com)

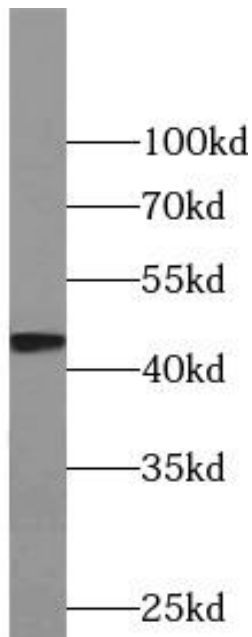
Tested Application: ELISA, IHC, WB

Recommended dilution: WB: 1:300-1:1200; IHC: 1:50-1:500; IF: 1:50-1:500

Image:



Immunohistochemistry of paraffin-embedded mouse embryo tissue slide using FNab06172(PAX6 Antibody) at dilution of 1:200 heat mediated antigen retrieved with Tris-EDTA buffer(pH9).



Y79 cells were subjected to SDS PAGE followed by western blot with FNab06172(PAX6 antibody) at dilution of 1:500

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