



Datasheet for ABIN6259146  
**anti-PAX4 antibody (Internal Region)**



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1 Image

Overview

Quantity:	100 µL
Target:	PAX4
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAX4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	A synthesized peptide derived from human PAX4, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	PAX4 Antibody detects endogenous levels of total PAX4.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	PAX4
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## Target Details

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Alternative Name:	PAX4 ( <a href="#">PAX4 Products</a> )
Background:	Description: Plays an important role in the differentiation and development of pancreatic islet beta cells. Transcriptional repressor that binds to a common element in the glucagon, insulin and somatostatin promoters. Competes with PAX6 for this same promoter binding site. Isoform 2 appears to be a dominant negative form antagonizing PAX4 transcriptional activity. Gene: PAX4
Molecular Weight:	42 kDa
Gene ID:	5078
UniProt:	<a href="#">043316</a>

## Application Details

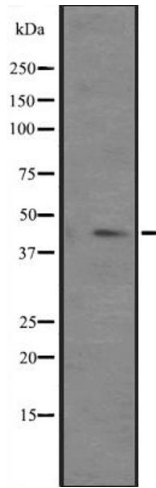
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Application Notes:	WB 1:500-1:2000, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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
Expiry Date:	12 months



### Western Blotting

**Image 1.** Western blot analysis of PAX4 expression in Jurkat cell lysate. The lane on the left is treated with the antigen-specific peptide.