

Datasheet for ABIN7441478  
**anti-PAX6 antibody (AA 1-130)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	PAX6
Binding Specificity:	AA 1-130
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAX6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

## Product Details

Purpose:	Polyclonal Antibody to Paired Box Gene 6 (PAX6)
Immunogen:	Recombinant Paired Box Gene 6 (PAX6) corresponding to Met1~Leu130
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PAX6. It has been selected for its ability to recognize PAX6 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

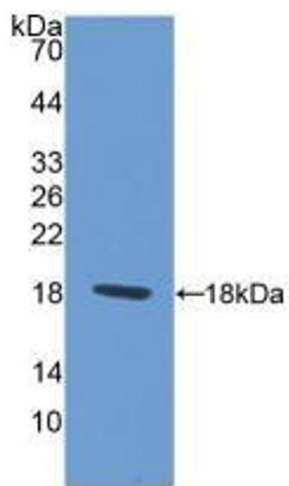
Target:	PAX6
Alternative Name:	Paired Box Gene 6 ( <a href="#">PAX6 Products</a> )
Background:	AN, AN2, MGDA, WAGR, Oculorhombin, Aniridia, Keratitis, Aniridia type II protein
Pathways:	<a href="#">Peptide Hormone Metabolism</a> , <a href="#">Carbohydrate Homeostasis</a>

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

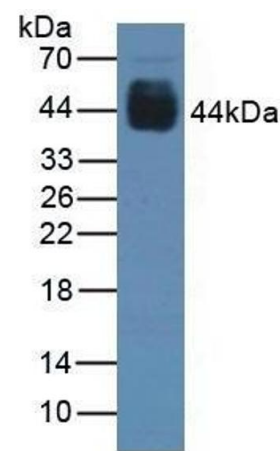
## Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



**Western Blotting**

**Image 1.** Detection of Recombinant PAX6, Rat using Polyclonal Antibody to Paired Box Gene 6 (PAX6)



**Western Blotting**

**Image 2.** Detection of PAX6 in Rat Stomach Tissue using Polyclonal Antibody to Paired Box Gene 6 (PAX6)