Datasheet for ABIN571093

# anti-PAX4 antibody (Internal Region)

1 Image

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## Overview

| | |
|---|---|
| Quantity: | 100 µg |
| Target: | PAX4 |
| Binding Specificity: | Internal Region |
| Reactivity: | Human, Mouse |
| Host: | Goat |
| Clonality: | Polyclonal |
| Conjugate: | This PAX4 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA |

## Product Details

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|---|---|
| Purpose: | PAX4 |
| Immunogen: | Peptide with sequence C-GKLATATSLPEDTVR, from the internal region of the protein sequence according to NP_006184.2. |
| Sequence: | GKLATATSLP EDTVR |
| Isotype: | IgG |
| Cross-Reactivity: | Dog, Human, Mouse, Rat |
| Purification: | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Grade: | Verified |

## Target Details

| | |
|---|---|
| Target: | PAX4 |
| Alternative Name: | PAX4 (PAX4 Products) |
| Background: | PAX4, paired box 4, KPD, MGC129960, MODY9, paired box gene 4, paired domain gene 4 |
| Gene ID: | 5078, 18506, 83630 |
| NCBI Accession: | NP_006184 |

## Application Details

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|---|---|
| Application Notes: | Western Blot: Approx 37 kDa band observed in Mouse Pancreas lysates and in lysates of cell lines A431, HeLa and K562 (calculated MW of 37.1 kDa according to Human NP_006184.2 and 38.0 kDa according to Mouse NP_035168.1). Recommended concentration: 0.2-0.6 µg Peptide ELISA: antibody detection limit dilution 1:64000. |
| Restrictions: | For Research Use only |

## Handling

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|---|---|
| Format: | Liquid |
| Concentration: | 0.5 mg/mL |
| Buffer: | Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Minimize freezing and thawing. |
| Storage: | -20 °C |
| Storage Comment: | Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable. |


## Western Blotting

**Image 1.** ABIN571093 (0.2µg/ml) staining of Mouse Pancreas lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.