

Datasheet for ABIN337176
anti-PAX2A antibody (pSer393)[Go to Product page](#)

2 Images

Overview

| | |
|----------------------|---|
| Quantity: | 50 µg |
| Target: | PAX2A |
| Binding Specificity: | pSer393 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PAX2A antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

| | |
|--------------|---|
| Brand: | IHC-plus™ |
| Immunogen: | Synthetic phospho-peptide derived from the sequence surrounding the phosphorylated Ser393 residue of mouse and human Pax2 (paired box protein 2). Type of Immunogen: Synthetic phospho-peptide |
| Isotype: | IgG |
| Specificity: | Recognizes human Pax2 protein when phosphorylated at Ser393. Based on amino acid sequence homology with Pax5 and Pax8, cross-reactivity with these proteins is likely. Does not react with purified, unphosphorylated GST-Pax2 proteins. Reacts with human HEK293 cell lysates and purified GST-Pax2 proteins phosphorylated by JNK. Species sequence Homology: |

Product Details

mouse, chicken, zebra sh and frog - 100 % .

Purification: Immunoaffinity purified

Target Details

Target: PAX2A

Alternative Name: PAX2 ([PAX2A Products](#))

Background: Name/Gene ID: PAX2

Synonyms: PAX2, Paired box homeotic gene 2, Paired box protein Pax-2, PAPRS, Paired box 2, Paired box gene 2

Gene ID: 5076

UniProt: [Q02962](#)

Pathways: [Carbohydrate Homeostasis](#), [Stem Cell Maintenance](#), [Tube Formation](#)

Application Details

Application Notes: Approved: ELISA (0.1 - 1 µg/mL), IHC, IHC-P (1:50), WB (1 - 3 µg/mL)

Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 1:50. Western Blot: Analysis of JNK-stimulated (phosphorylated) fusion proteins identifies a single band at ~50kD. In Western Blot analysis of HEK293 cells, a thick band between ~42-45kD is observed, which may represent different human Pax2 isoforms and/or Pax8.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

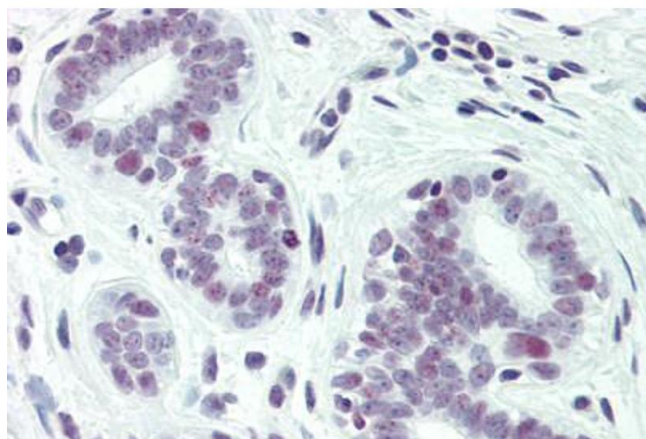
Handling

Format: Liquid

Handling

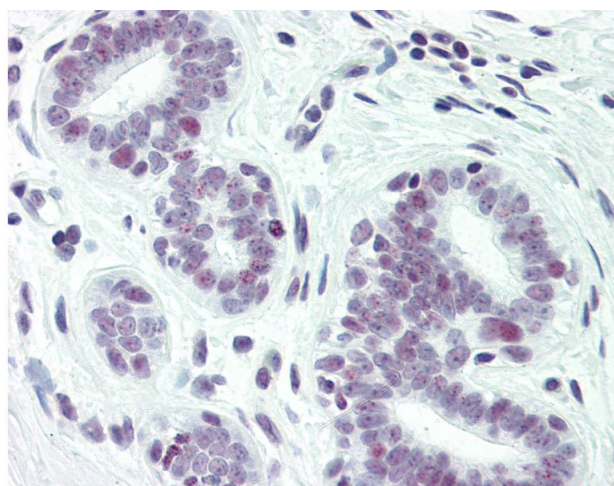
| | |
|--------------------|--|
| Concentration: | Lot specific |
| Buffer: | PBS, pH 7.4, 0.1 % sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Avoid repeated freezing and thawing. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | 4°C or -20°C, Avoid freeze-thaw cycles. |

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Breast (formalin-fixed, paraffin-embedded) stained with PAX2 antibody ABIN337176 at 1:50 followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 2. Anti-PAX2 antibody IHC of human breast. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1:50.