

Datasheet for ABIN209136
anti-PAX2A antibody (AA 188-385)



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Overview

Quantity:	100 µg
Target:	PAX2A
Binding Specificity:	AA 188-385
Reactivity:	Human, Mouse, Rat, Xenopus laevis
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAX2A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunoprecipitation (IP)

Product Details

Immunogen:	A GST-Pax-2 fusion protein derived from the C-terminal domain (aa188-385) of the murine Pax-2 protein (1).
	Type of Immunogen: Fusion protein
Isotype:	IgG
Specificity:	Recognizes Pax-2 protein and does not cross-react with other Pax family members. The major epitopes are located between aa204-373 of mouse Pax-2. Two proteins are detected in mouse embryonic kidney lysates with this antibody: a major band at 46kD (Pax-2b) and a minor band at 48kD (Pax-2a). Reactivity: ELISA: Immunogen, WB: Xenopus, zebrafish, embryonic mouse kidney, human Wilms' tumors, IHC (frozen): Rat, Xenopus, zebrafish, human Wilms' tumor, mouse, IHC (paraffin): Human Wilms' tumor, mouse, IP: Embryonic mouse kidney.

Product Details

Purification: Protein A 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 (5 µg/mL), IP, WB (1 µg/mL)

Usage: Suitable for use in ELISA, Immunoprecipitation, Western Blot and Immunohistochemistry. ELISA: 0.1-1 µg/mL. Western Blot: 1 µg/mL. Immunohistochemistry: 5 µg/mL (whole mount staining).

Comment: Target Species of Antibody: Mouse

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: PBS, pH 7.4, 0.09 % 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 repeat freeze-thaw cycles.

Handling

Storage:	4 °C,-20 °C
Storage Comment:	Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.