

PAX2 Rabbit pAb

Catalog No.: A3067 **2 Publications**

Basic Information

Observed MW

47kDa

Calculated MW

45kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

Background

PAX2 encodes paired box gene 2, one of many human homologues of the Drosophila melanogaster gene *prd*. The central feature of this transcription factor gene family is the conserved DNA-binding paired box domain. PAX2 is believed to be a target of transcriptional suppression by the tumor suppressor gene WT1. Mutations within PAX2 have been shown to result in optic nerve colobomas and renal hypoplasia. Alternative splicing of this gene results in multiple transcript variants.

Recommended Dilutions

WB 1:100 - 1:500**IF/ICC** 1:50 - 1:200

Immunogen Information

Gene ID

5076

Swiss Prot

Q02962

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 150-320 of human PAX2 (NP_003978.3).

Synonyms

FSGS7; PAPRS; PAX-2; PAX2

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

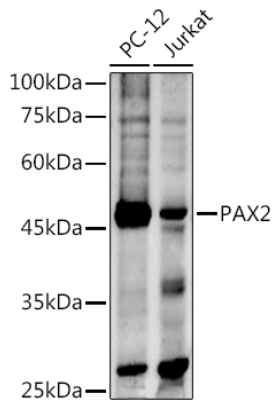
Affinity purification

Storage

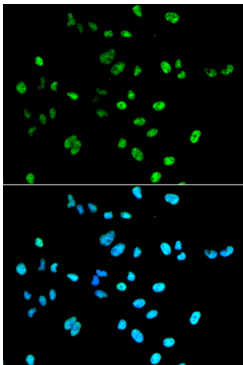
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using PAX2 antibody (A3067) at 1:500 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 180s.



Immunofluorescence analysis of A549 cells using PAX2 antibody (A3067). Blue: DAPI for nuclear staining.