

ARG66346 anti-PAX2 antibody [SQab1896]

Package: 100 µl
Store at: -20°C

Summary

Product Description	Recombinant Rabbit Monoclonal antibody [SQab1896] recognizes PAX2
Tested Reactivity	Hu
Tested Application	IHC-P
Host	Rabbit
Clonality	Monoclonal
Clone	SQab1896
Isotype	IgG
Target Name	PAX2
Species	Human
Immunogen	Synthetic peptide within aa. 300-400 of Human PAX2.
Conjugation	Un-conjugated
Alternate Names	PAPRS; Paired box protein Pax-2; FSGS7

Application Instructions

Application table	Application	Dilution
	IHC-P	1:100 - 1:200
Application Note	<p>IHC-P: Antigen Retrieval: Heat mediated was performed using Tris/EDTA buffer (pH 9.0), primary antibody incubate at RT for 30 min.</p> <p>* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.</p>	

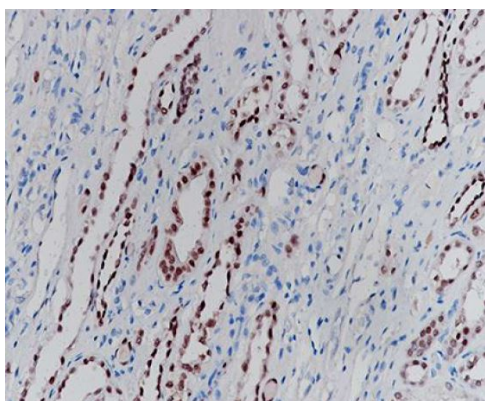
Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA.
Preservative	0.01% Sodium azide
Stabilizer	40% Glycerol and 0.05% BSA
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	PAX2
Gene Full Name	paired box 2
Background	PAX2 encodes paired box gene 2, one of many human homologues of the Drosophila melanogaster gene <i>prd</i> . 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. [provided by RefSeq, Dec 2014]
Function	Transcription factor that may have a role in kidney cell differentiation. Has a critical role in the development of the urogenital tract, the eyes, and the CNS. [UniProt]
Highlight	Related products: Anti-Rabbit IgG secondary antibodies; Related news: Cancer Pathology Markers (SQ clones)
Calculated Mw	45 kDa

Images



ARG66346 anti-PAX2 antibody [SQab1896] IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded kidney tissue stained with ARG66346 anti-PAX2 antibody [SQab1896]. Antigen Retrieval: Heat mediated was performed using Tris/EDTA buffer (pH 9.0).