

## ARG66821 anti-PAX8 antibody [SQab20233]

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Recombinant Rabbit Monoclonal antibody [SQab20233] recognizes PAX8
Tested Reactivity	Hu
Tested Application	IHC-P
Host	Rabbit
Clonality	Monoclonal
Clone	SQab20233
Isotype	IgG
Target Name	PAX8
Species	Human
Immunogen	Synthetic peptide of Human PAX8.
Conjugation	Un-conjugated
Alternate Names	Paired box protein Pax-8

### Application Instructions

Application table	Application	Dilution
	IHC-P	1:100 - 1:200
Application Note	IHC-P: Antigen Retrieval: Heat mediation was performed in Tris/EDTA buffer (pH 9.0), primary antibody incubate at RT (18°C - 25°C) for 30 minutes. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

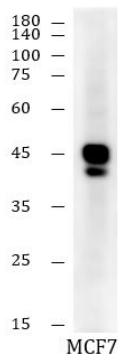
### Properties

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

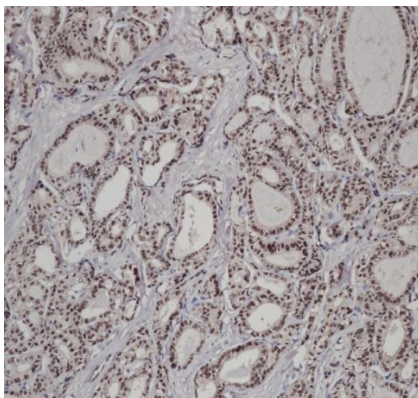
Gene Symbol	PAX8
Gene Full Name	paired box 8
Background	This gene encodes a member of the paired box (PAX) family of transcription factors. Members of this gene family typically encode proteins that contain a paired box domain, an octapeptide, and a paired-type homeodomain. This nuclear protein is involved in thyroid follicular cell development and expression of thyroid-specific genes. Mutations in this gene have been associated with thyroid dysgenesis, thyroid follicular carcinomas and atypical follicular thyroid adenomas. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Mar 2010]
Function	Transcription factor for the thyroid-specific expression of the genes exclusively expressed in the thyroid cell type, maintaining the functional differentiation of such cells. [UniProt]
Calculated Mw	48 kDa
Cellular Localization	Nucleus. [UniProt]

## Images



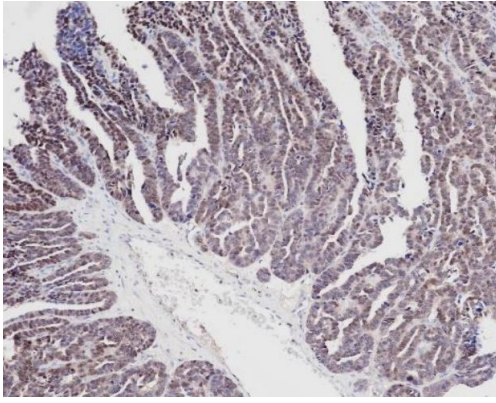
ARG66821 anti-PAX8 antibody [SQab20233] WB image (Customer's Feedback)

Western blot: MCF7 cell lysate stained with ARG66821 anti-PAX8 antibody [SQab20233] at 1:1000 dilution.



ARG66821 anti-PAX8 antibody [SQab20233] IHC-P image

Immunohistochemistry: Formalin/PFA-fixed and paraffin-embedded Human thyroid cancer tissue. Antigen Retrieval: Heat mediation was performed in Tris/EDTA buffer (pH 9.0). The tissue section was stained with ARG66821 anti-PAX8 antibody [SQab20233].



**ARG66821 anti-PAX8 antibody [SQab20233] IHC-P image**

Immunohistochemistry: Formalin/PFA-fixed and paraffin-embedded Human serous cystadenocarcinoma of the ovary tissue. Antigen Retrieval: Heat mediation was performed in Tris/EDTA buffer (pH 9.0). The tissue section was stained with ARG66821 anti-PAX8 antibody [SQab20233].