

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	<table><thead><tr><th>Application</th><th>Dilution</th></tr></thead><tbody><tr><td>IHC-P</td><td>1:100 - 1:200</td></tr></tbody></table>	Application	Dilution	IHC-P	1:100 - 1:200
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IHC-P	1:100 - 1:200				
Application Note	<p>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.</p> <p>* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.</p>				

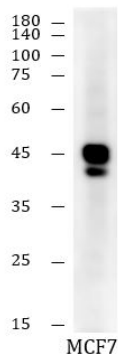
Properties

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

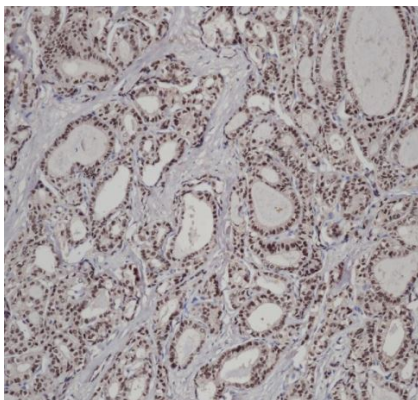
Gene Symbol	PAX8
Gene Full Name	paired box 8
Background	This gene encodes a member of the paired box (PAX) family of transcription factors. Members of this gene family typically encode proteins that contain a paired box domain, an octapeptide, and a paired-type homeodomain. This nuclear protein is involved 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



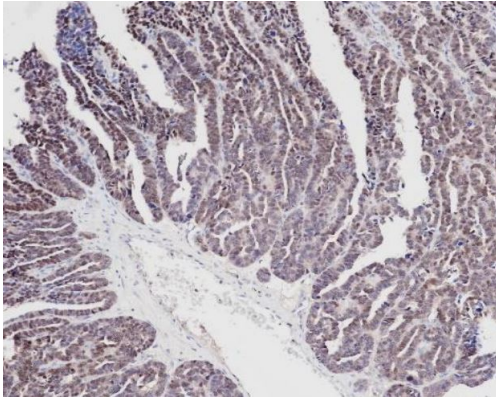
ARG66821 anti-PAX8 antibody [SQab20233] WB image (Customer's Feedback)

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].