

## ARG41855 anti-PAX8 antibody

Package: 50 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes PAX8
Tested Reactivity	Hu, Ms
Predict Reactivity	Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PAX8
Species	Human
Immunogen	Fusion protein of Human PAX8.
Conjugation	Un-conjugated
Alternate Names	Paired box protein Pax-8

### Application Instructions

Application table	Application	Dilution
	IHC-P	1:15 - 1:50
	WB	1:200 - 1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	WB: MCF7 and Mouse brain IHC-P: Human thyroid cancer	
Observed Size	~ 45 kDa	

### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.4), 0.05% Sodium azide and 40% Glycerol.
Preservative	0.05% Sodium azide
Stabilizer	40% Glycerol
Concentration	0.2 mg/ml
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.

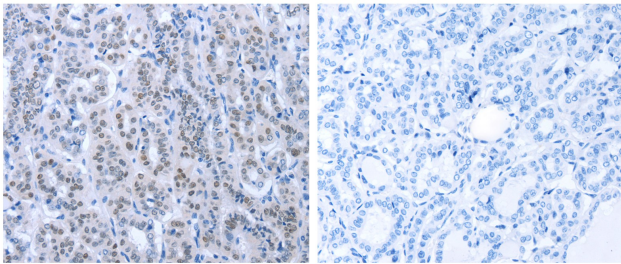
#### Note

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

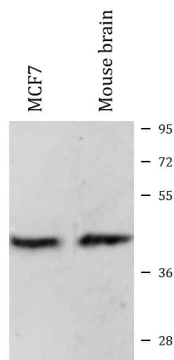
Gene Symbol	PAX8
Gene Full Name	paired box 8
Background	This gene encodes a member of the paired box (PAX) family of transcription factors. Members of this gene family typically encode proteins that contain a paired box domain, an octapeptide, and a paired-type homeodomain. This nuclear protein is involved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



ARG41855 anti-PAX8 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human thyroid cancer tissue stained with ARG41855 anti-PAX8 antibody (left) at 1:35 dilution, or the same antibody pre-incubated with fusion protein (right). (Original magnification: X200).



ARG41855 anti-PAX8 antibody WB image

Western blot: 40 µg of MCF7 and Mouse brain lysates stained with ARG41855 anti-PAX8 antibody at 1:250 dilution.