Anti-PAX8 antibody

Cat. No.	ml121108
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-PAX8 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human PAX8
Reactivity	Human, Mouse, Rat
Content	0.2 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	PAX8
Full name	Paired box 8
Synonyms	
Swissprot	Q06710

Target 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.
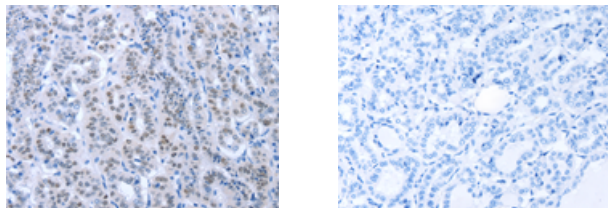
Applications

Immunohistochemistry

Predicted cell location: Nucleus

Positive control: Human thyroid cancer

Recommended dilution: 15-50

The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml121108(PAX8 Antibody) at dilution 1/35, on the right is treated with fusion protein. (Original magnification: ×200)

Western blotting

Predicted band size:48 kDa

Positive control:MCF7 cells and mouse brain tissue
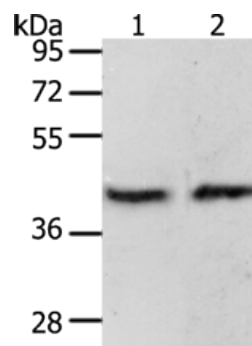
Recommended dilution: 200-1000

Gel: 10%SDS-PAGE

Lysate: 40 μg

Lane 1-2: MCF7 cells, mouse brain tissue

Primary antibody: ml121108(PAX8 Antibody) at dilution 1/250

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 2 minutes

ELISA

Recommended dilution: 1000-2000

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