

Anti-PAX8 Picoband Antibody
Catalog # ABO10128**Specification**

Anti-PAX8 Picoband Antibody - Product Information

Application	WB
Primary Accession	Q06710
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized

Description

Rabbit IgG polyclonal antibody for PAX8 detection. Tested with WB in Human;Mouse;Rat.

Reconstitution

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-PAX8 Picoband Antibody - Additional Information

Gene ID 7849

Other Names

Paired box protein Pax-8, PAX8

Application Details

Western blot, 0.1-0.5 µg/ml

Subcellular Localization

Nucleus.

Tissue Specificity

Expressed in the excretory system, thyroid gland and Wilms tumors.

Contents

Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg NaN₃.

Immunogen

A synthetic peptide corresponding to a sequence of human PAX8 (RKHLRTDAFSQHHLEPLECPFERQHYPEAYASPSHTKGEQ).

Cross Reactivity

No cross reactivity with other proteins.

Storage

At -20°C; for one year. After r° Constitution, at 4°C; for one month. It° Can also be aliquotted and stored frozen at -20°C; for a longer time. Avoid repeated freezing and thawing.

Anti-PAX8 Picoband Antibody - Protein Information

Name PAX8

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.

Cellular Location

Nucleus.

Tissue Location

Expressed in the excretory system, thyroid gland and Wilms tumors

Anti-PAX8 Picoband Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-PAX8 Picoband Antibody - Images

Anti-PAX8 Picoband Antibody - Background

Paired box gene 8, also known as PAX8, is a protein which in humans is encoded by the PAX8 gene. 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.