10320 Camino Santa Fe, Suite G
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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.**

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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 Cytomety
- 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.