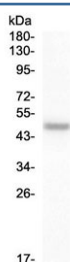


PAX8 Antibody (RQ4059)

Catalog No.	Formulation	Size
RQ4059	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q06710
Applications	Western Blot : 0.5-1ug/ml
Limitations	This PAX8 antibody is available for research use only.



Western blot testing of human SW579 cell lysate with PAX8 antibody at 0.5ug/ml.
Predicted molecular weight ~48 kDa but also observed at 55-60 kDa.

Description

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.

Application Notes

Optimal dilution of the PAX8 antibody should be determined by the researcher.

Immunogen

Amino acids RKHLRTDAFSQHHLEPLECPFERQHYPEAYASPSHTKGEQ from the human protein were used as the immunogen for the PAX8 antibody.

Storage

After reconstitution, the PAX8 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.