

# Pax-8

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP22480a

## Product Information

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|                   |                        |
|-------------------|------------------------|
| Application       | WB, E                  |
| Primary Accession | <a href="#">Q06710</a> |
| Reactivity        | Human                  |
| Host              | Rabbit                 |
| Clonality         | polyclonal             |
| Isotype           | Rabbit Ig              |
| Clone Names       | R05166                 |
| Calculated MW     | 48218                  |

## Additional Information

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|                    |                                                                                                                                                                             |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID            | 7849                                                                                                                                                                        |
| Other Names        | Paired box protein Pax-8, PAX8                                                                                                                                              |
| Target/Specificity | This antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between amino acids from human.                                                  |
| Dilution           | WB~~1:500 E~~Use at an assay dependent concentration.                                                                                                                       |
| Format             | Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Storage            | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.                                     |
| Precautions        | Pax-8 is for research use only and not for use in diagnostic or therapeutic procedures.                                                                                     |

## Protein Information

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|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                                                                                                               |

## Background

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Transcription factor for the thyroid-specific expression of the genes exclusively expressed in the thyroid cell type, maintaining the functional differentiation of such cells.

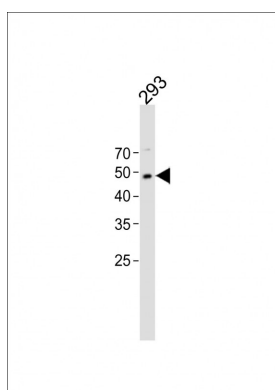
## References

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Poleev A.,et al.Eur. J. Biochem. 228:899-911(1995).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Hillier L.W.,et al.Nature 434:724-731(2005).

## Images

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All lanes: Anti-Pax-8 at 1:500 dilution + 293 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 48 KDa  
Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.