

Product datasheet for **TA302560**

PAX8 Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:32,000. WB: 0.5-1.5µg/ml.
Reactivity:	Human
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-AQPGSDKRKMDD, from the internal region of the protein sequence according to NP_003457.1; NP_039245.1; NP_039246.1; NP_039247.1; NP_054698.1.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	51845 Da
Gene Name:	paired box 8
Database Link:	NP_003457 Entrez Gene 7849 Human Q06710



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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. Alternately spliced transcript variants encoding different isoforms have been described. [provided by RefSeq]

Synonyms:

OTTHUMP00000158659; OTTHUMP00000158660; paired box 8; paired domain gene 8

Protein Families:

Druggable Genome, Transcription Factors

Protein Pathways:

Pathways in cancer, Thyroid cancer

Product images:

TA302560 (0.5ug/ml) staining of HEK293 cell lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.