



Human PAX8 blocking peptide (CDBP2210)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-PAX8 (internal) antibody
Antigen Description	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. [provided by RefSeq, Mar 2010]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	PAX8 paired box 8 [Homo sapiens (human)]
Official Symbol	PAX8
Synonyms	PAX8; paired box 8; paired box protein Pax-8; paired domain gene 8;

Entrez Gene ID	7849
mRNA Refseq	NM_003466.3
Protein Refseq	NP_003457.1
UniProt ID	Q06710
Chromosome Location	2q13
Pathway	Id Signaling Pathway, organism-specific biosystem; Pathways in cancer, organism-specific biosystem; TSH signaling pathway, organism-specific biosystem; Thyroid cancer, organism-specific biosystem; Thyroid cancer, conserved biosystem; Thyroid hormone synthesis, organism-specific biosystem; Thyroid hormone synthesis, conserved biosystem; Transcriptional misregulation in cancer, organism-specific biosystem; Transcriptional misregulation in cancer, conserved biosystem;
Function	DNA binding; DNA binding; RNA polymerase II core promoter sequence-specific DNA binding; protein binding; sequence-specific DNA binding transcription factor activity; thyroid-stimulating hormone receptor activity; transcription regulatory region DNA bindi