



Human PAX3 blocking peptide (CDBP2205)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-PAX3 antibody
Antigen Description	This gene is a member of the paired box (PAX) family of transcription factors. Members of the PAX family typically contain a paired box domain and a paired-type homeodomain. These genes play critical roles during fetal development. Mutations in paired box gene 3 are associated with Waardenburg syndrome, craniofacial-deafness-hand syndrome, and alveolar rhabdomyosarcoma. The translocation t(2;13)(q35;q14), which represents a fusion between PAX3 and the forkhead gene, is a frequent finding in alveolar rhabdomyosarcoma. Alternative splicing results in transcripts encoding isoforms with different C-termini. [provided by RefSeq, Jul 2008]
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	PAX3 paired box 3 [Homo sapiens]
Official Symbol	PAX3

Synonyms	PAX3; paired box 3; paired box gene 3 (Waardenburg syndrome 1) , Waardenburg syndrome 1 , WS1; paired box protein Pax-3; HUP2; paired domain gene 3; paired domain gene HuP2; paired box homeotic gene 3; WS1; WS3; CDHS; MGC120381; MGC120382; MGC120383; MGC120384; MGC134778;
Entrez Gene ID	5077
mRNA Refseq	NM_000438
Protein Refseq	NP_000429
UniProt ID	P23760
Chromosome Location	2q36.1
Pathway	Regulation of retinoblastoma protein, organism-specific biosystem; Transcriptional misregulation in cancer, organism-specific biosystem; Transcriptional misregulation in cancer, conserved biosystem;
Function	chromatin binding; protein binding; sequence-specific DNA binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; sequence-specific distal enhancer binding RNA polymerase II transcription factor activity;