



Human TBX6 peptide (DAG-P1227)

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

PRODUCT INFORMATION

Antigen Description	This gene is a member of a phylogenetically conserved family of genes that share a common DNA-binding domain, the T-box. T-box genes encode transcription factors involved in the regulation of developmental processes. Knockout studies in mice indicate that this gene is important for specification of paraxial mesoderm structures. [provided by RefSeq, Aug 2008]
Specificity	Expressed in fetal tail bud, posterior spinal tissue, intervertebral disk and testis. Also expressed in adult testis, kidney, lung, muscle and thymus.
Conjugate	Unconjugated
Sequence Similarities	Contains 1 T-box DNA-binding domain.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	TBX6 T-box 6 [Homo sapiens (human)]
Official Symbol	TBX6
Synonyms	TBX6; T-box 6; SCDO5; T-box transcription factor TBX6; T-box protein 6;
Entrez Gene ID	6911
mRNA Refseq	NM_004608.3
Protein Refseq	NP_004599.2

UniProt ID	O95947
Chromosome Location	16p11.2
Pathway	Neural Crest Differentiation, organism-specific biosystem;
Function	DNA binding; RNA polymerase II activating transcription factor binding; RNA polymerase II transcription factor binding; RNA polymerase II transcription factor binding transcription factor activity involved in negative regulation of transcription; sequence