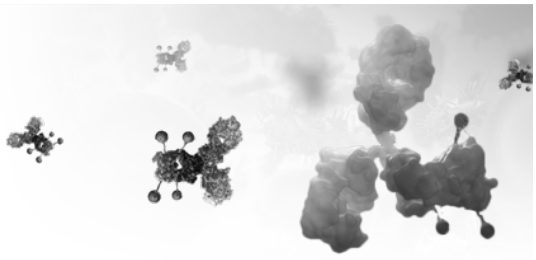

Human FOXE1 peptide (DAG-P0453)

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

PRODUCT INFORMATION

Antigen Description	This intronless gene belongs to the forkhead family of transcription factors, which is characterized by a distinct forkhead domain. This gene functions as a thyroid transcription factor which likely plays a crucial role in thyroid morphogenesis. Mutations in this gene are associated with congenital hypothyroidism and cleft palate with thyroid dysgenesis. The map localization of this gene suggests it may also be a candidate gene for squamous cell epithelioma and hereditary sensory neuropathy type I. [provided by RefSeq, Jul 2008]
Specificity	Detected in adult brain, placenta, lung, liver, skeletal muscle, kidney, pancreas, heart, colon, small intestine testis and thymus. Expression was strongest in heart and pancreas.
Conjugate	Unconjugated
Sequence Similarities	Contains 1 fork-head 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.

GENE INFORMATION

Gene Name	FOXE1 forkhead box E1 (thyroid transcription factor 2) [Homo sapiens (human)]
Official Symbol	FOXE1
Synonyms	FOXE1; forkhead box E1 (thyroid transcription factor 2); TTF2; FOXE2; HFKH4; HFKL5; TITF2; TTF-2; FKHL15; forkhead box protein E1; forkhead box E2; forkhead box protein E2; HNF-3/fork head-like protein 5; thyroid transcription factor 2; forkhead-related protein FKHL15; forkhead, drosophila, homolog-like 15;

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Entrez Gene ID	2304
mRNA Refseq	NM_004473.3
Protein Refseq	NP_004464.2
UniProt ID	O00358
Chromosome Location	9q22
Function	DNA binding; DNA binding, bending; RNA polymerase II distal enhancer sequence-specific DNA binding transcription factor activity; double-stranded DNA binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; tran

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