



Human FOXE1 blocking peptide (CDBP1260)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-FOXE1/TTF2 antibody
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.
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	FOXE1 forkhead box E1 (thyroid transcription factor 2) [Homo sapiens]
Official Symbol	FOXE1
Synonyms	FOXE1; forkhead box E1 (thyroid transcription factor 2); FKHL15, forkhead box E2 , FOXE2, TITF2; forkhead box protein E1; HFKH4; TTF 2; 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; TTF2; FOXE2; HFKL5; TITF2; TTF-2; FKHL15;

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