



Human FTO blocking peptide (CDBP1304)

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

PRODUCT INFORMATION

Product Overview	Blocking peptide for anti-FTO antibody
Antigen Description	This gene is a nuclear protein of the AlkB related non-haem iron and 2-oxoglutarate-dependent oxygenase superfamily but the exact physiological function of this gene is not known. Other non-heme iron enzymes function to reverse alkylated DNA and RNA damage by oxidative demethylation. Studies in mice and humans indicate a role in nervous and cardiovascular systems and a strong association with body mass index, obesity risk, and type 2 diabetes.
Species	Human
Conjugate	Unconjugated
Applications	BL
Format	Liquid
Concentration	200 µg/ml
Size	50 µg
Buffer	PBS containing 0.02% sodium azide
Preservative	0.02% Sodium Azide
Storage	Store at -20°C, stable for one year.

GENE INFORMATION

Gene Name	Fto fat mass and obesity associated [Mus musculus]
Official Symbol	FTO

Synonyms	FTO; fat mass and obesity associated; alpha-ketoglutarate-dependent dioxygenase FTO; protein fto; protein fatso; fat mass and obesity-associated protein; AW743446; mKIAA1752;
Entrez Gene ID	26383
mRNA Refseq	NM_011936
Protein Refseq	NP_036066
Function	DNA-N1-methyladenine dioxygenase activity; DNA-N1-methyladenine dioxygenase activity; ferrous iron binding; metal ion binding; oxidative DNA demethylase activity; oxidative DNA demethylase activity; oxidative RNA demethylase activity; oxidative RNA demeth