

FTO

Reactivity:Human

Tested applications:WB IHC IF

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:100 IF 1:50 - 1:100

Calculated MW:58kDa

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human FTO

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

FTO;

Catalog #:A1438

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:79068

Isotype:IgG

Swiss Prot:Q9C0B1

Purity:Affinity purification

For research use only.

Background:

The exact function of FTO is not known. Studies in mice suggest that it may be involved in nucleic acid demethylation, and that its mRNA level is regulated by feeding and fasting. Studies of type 2 diabetes indicate FTO is related to diabetes susceptibility. Mutation in this protein has been associated with growth retardation, developmental delay, coarse facies, and early death (1).

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