

Summary

Production Name	FTO Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,IHC,IF,IP,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG,Kappa
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protective protein
Purification	Protein A

Immunogen

Gene Name	FTO
Alternative Names	FTO;KIAA1752;Alpha-ketoglutarate-dependent dioxygenase FTO;Fat mass and obesity-associated protein
Gene ID	79068.0
SwissProt ID	Q9C0B1.

Application

Dilution Ratio	IHC 1:3000-1:20000;WB 1:1000-1:5000;IF 1:200-1:1000;ELISA 1:5000-1:20000;IP 1:50-1:200;
Molecular Weight	Calculated MW:58kD;Observed MW:58kD

Background

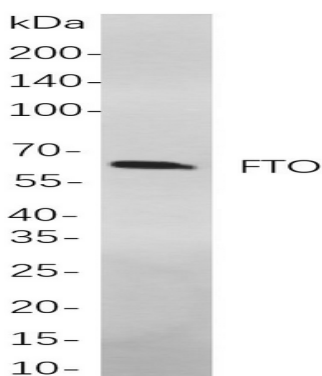
Product Name: FTO Rabbit Monoclonal Antibody
Catalog #: AMRe21456



Cell localization: Cytoplasm, Nucleus. 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. [provided by RefSeq, Jul 2011],

Research Area

Image Data



Western blot analysis of lysates from Jurkat cells, using FTO Rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG antibody was used to detect the antibody.

Note

For research use only.