

KO-Validated Anti-FTO Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

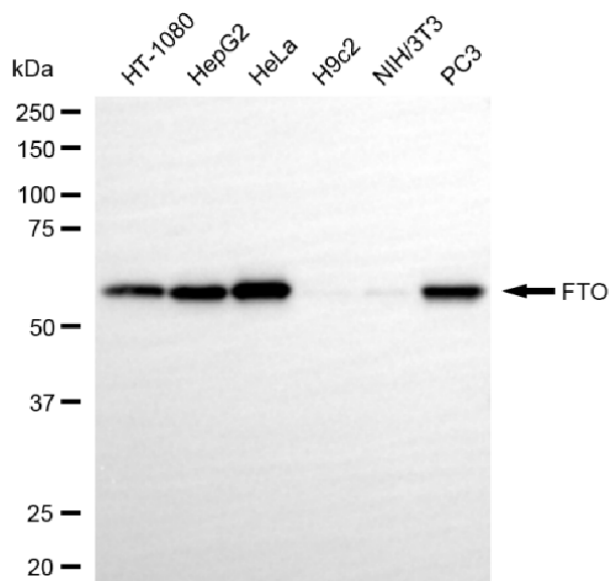
ABG2439

Product Overview

Name	KO-Validated Anti-FTO Rabbit Monoclonal Antibody
Accession(Primary)	Q9C0B1
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human FTO
Species Reactivity	Human, Mouse
Calculated MW	Predicted, 58 kDa; observed, 58 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000

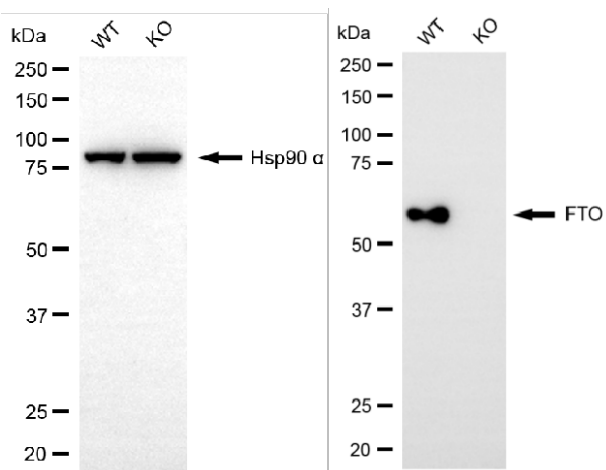
Target information (Q9C0B1)

Gene Name	FTO
About Gene Symbol	FTO (FTO Alpha-Ketoglutarate Dependent Dioxygenase) is a metabolic enzyme involved in translational regulation. It is an important research target in metabolic disease and is widely studied to elucidate cellular mechanisms and identify therapeutic targets



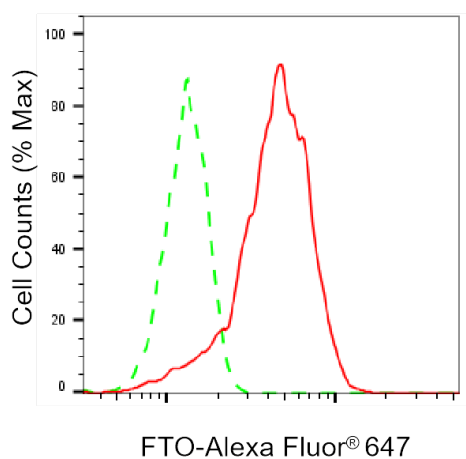
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Western blotting analysis using anti-FTO antibody (Cat#ABG2439). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-FTO antibody (Cat#ABG2439, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Western blotting analysis using anti-FTO antibody (Cat#ABG2439). FTO expression in wild-type (WT) and FTO knockout (KO) 293T cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-FTO antibody (Cat#ABG2439, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of FTO expression in HepG2 cells using anti-FTO antibody (Cat#ABG2439, 1:2,000). Green, isotype control; red, FTO.