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Datasheet for ABIN1169081 anti-FTO antibody

2 Images



## Overview

Quantity:	100 µg
Target:	FTO
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

# Product Details

Immunogen:	Recombinant human FTO.
Clone:	FT86-4
Isotype:	lgG1
Specificity:	Recognizes human, mouse and rat FTO.
Cross-Reactivity:	Human, Mouse (Murine), Rat (Rattus)
Sterility:	0.2 µm filtered

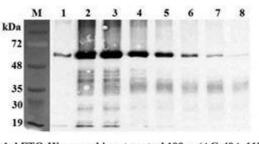
# Target Details

Target:	FTO
Alternative Name:	FTO (FTO Products)
Background:	FTO (Fat mass-and obesity-associated gene) is the responsible gene for mouse 'fused toes'
	mutation. An association between FTO genotype and type 2 diabetes has been confirmed. The

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Target Details	
	presence of the FTO rs9939609 A-allele was found to be positively correlated with other symptoms of the metabolic syndrome, including higher fasting insulin, glucose, triglycerides, and lower HDL-cholesterol.
UniProt:	Q9C0B1
Application Details	
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	0.2µm-filtered solution in PBS, pH 7.4. Contains no preservatives.
Preservative:	Without preservative
Storage:	4 °C,-20 °C
Storage Comment:	Short Term Storage: +4°C
	Long Term Storage: -20°C
	Stable for at least 1 year after receipt when stored at -20°C.
Expiry Date:	12 months

## Images

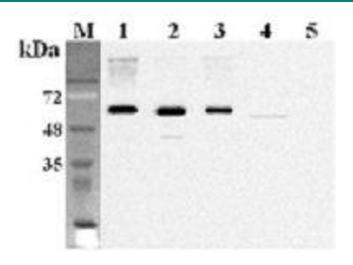


1. hFTO-His recombinant control 100ng (AG-40A-112) 2. hFTO-His 5ug 3. hFTO-His 2.5ug 4. hFTO-His 1.25ug 5. hFTO-His 0.625ug 6. hFTO-His 0.312ug 7. hFTO-His 0.156ug 8. hFTO-His 0.078ug

### Western Blotting

**Image 1.** Immunoprecipitation of recombinant human FTO using anti-FTO (human), mAb (FT86-4). Recombinant human FTO proteins at different concentrations were precipitated by FT86-4. The precipitated proteins were separated by SDS-PAGE, electroblotted, and visualized by western blot with rabbit anti-mouse FTO pAb.

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#### Western Blotting

**Image 2.** Western blot analysis using anti-FTO (human), mAb (FT86-4) at 1:2'000 dilution. 1: Human FTO (Histagged) (100ng). 2: Mouse FTO (His-tagged) (100ng). 3: Rat FTO (His-tagged) (100ng). 4: HEK 293 cell lysate (100µg). 5: Human Calreticulin (His-tagged) (100ng) (negative control).

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