

Datasheet for ABIN1169081

anti-FTO antibody

2 Images

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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:	IgG1
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

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.

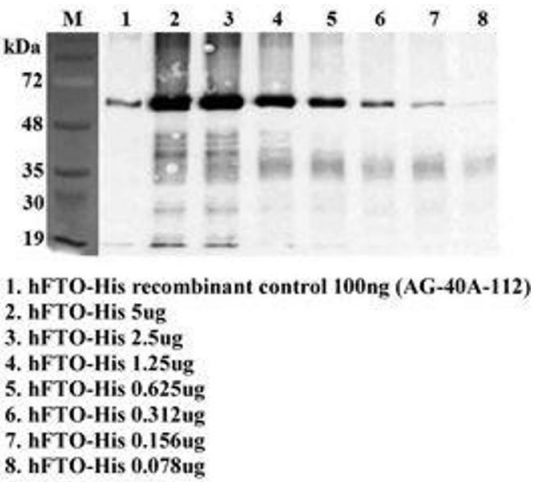
Preservative: Without preservative

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.

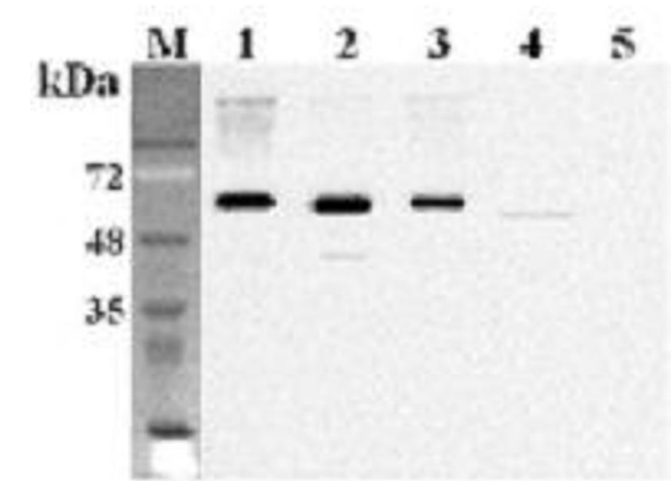
Expiry Date: 12 months

Images



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 .



Western Blotting

Image 2. Western blot analysis using anti-FTO (human), mAb (FT86-4) at 1:2'000 dilution. 1: Human FTO (His-tagged) (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).