



[Go to Product page](#)

Datasheet for ABIN1169079

anti-FTO antibody

2 Images

Overview

Quantity:	100 µg
Target:	FTO
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant mouse FTO.
Specificity:	Recognizes mouse FTO. Detects a band of ~58 kDa by Western blot.
Cross-Reactivity:	Mouse (Murine)
Cross-Reactivity (Details):	Weakly cross-reacts with human FTO.
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 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,

Target Details

and lower HDL-cholesterol.

UniProt: [Q8BGW1](#)

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.

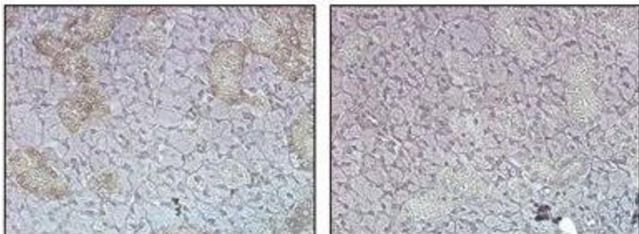
Preservative: Without preservative

Storage: 4 °C,-20 °C

Storage Comment: Short Term Storage: +4°C
Long Term Storage: -20°C
Stable for at least 6 months after receipt when stored at -20°C.

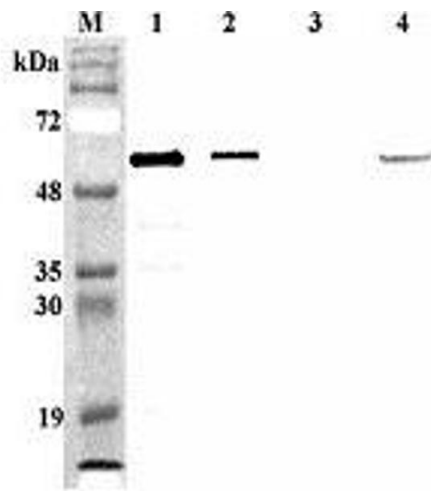
Expiry Date: 6 months

Images



Immunohistochemistry

Image 1. Immunohistochemical staining (cytoplasmic) of mouse tissue using anti-FTO (mouse), pAb at 1:500 dilution. Immunoperoxidase staining of formalin-fixed, paraffin-embedded mouse salivary gland in the presence of control peptide (left) or blocking peptide (right) (200x, brown colour).



Western Blotting

Image 2. Western blot analysis of mouse FTO using anti-FTO (mouse), pAb at 1:4,000 dilution. 1. Recombinant mouse FTO (His-tagged) (100ng). 2. Recombinant human FTO (His-tagged) (100ng). 3. Recombinant hFGF19 (His-tagged) (Negative control) (100ng). 4. Mouse Liver tissue lysate (500µg).