

Anti-FTO antibody

Cat. No.	ml222388
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-FTO rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human FTO
Reactivity	Human
Content	0.4 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	FTO
Full name	fat mass and obesity associated

Synonyms ALKBH9

Swissprot Q9C0B1

Target Background

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.

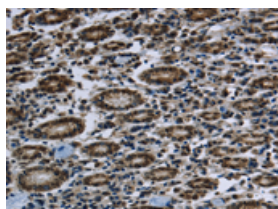
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm or Nucleus

Positive control: Human gasrtic cancer

Recommended dilution: 100-300

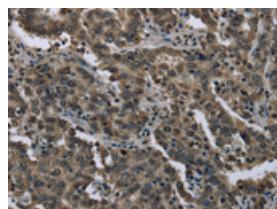


The image on the left is immunohistochemistry of paraffin-embedded Human gasrtic cancer tissue using ml222388(FTO Antibody) at dilution 1/60, on the right is treated with fusion protein. (Original magnification: ×200)

Predicted cell location: Cytoplasm or Nucleus

Positive control: Human liver cancer

Recommended dilution: 100-300



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml222388(FTO Antibody) at dilution 1/60, on the right is treated with fusion protein. (Original magnification: ×200)

Western blotting

Predicted band size: 58 kDa

Positive control: Human fetal brain tissue

Recommended dilution: 500-2000

Gel: 6%SDS-PAGE

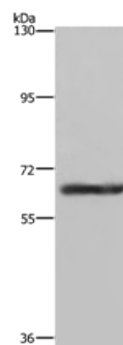
Lysate: 40 µg

Lane: Human fetal brain tissue

Primary antibody: ml222388(FTO Antibody) at dilution 1/650

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 5 minutes



ELISA

Recommended dilution: 2000-5000

联系电话: 4008-898-798, 021-61725725

联系QQ: 2881505695, 2881505696

邮箱: mlbio_cn@yeah.net

网址: www.mlbio.cn