

FTO Rabbit mAb Recombinant

Basic Information

Catalot No. : Gab202207

Observed MW : 60kDa

Calculated MW : 58kDa

Category : Primary antibody

Applications : WB, IHC, IF, IP

Cross-Reactivity : Human

Recommended Dilutions

WB 1:500 - 1:2000

IHC 1:50 - 1:200

IF 1:50 - 1:200

IP 1:50 - 1:200

Immunogen Information

Gene ID : 79068 **Swiss Prot** : Q9C0B1

Immunogen : A synthesized peptide derived from human FTO

Synonyms : ALKBH9; BMIQ14; GDFD

Background

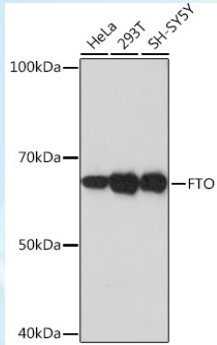
This gene is a nuclear protein of the AlkB related non-haem iron and 2-oxoglutarate dependent oxygenase superfamily but the exact physiological function of this gene is not known. Other non-heme iron enzymes function to reverse alkylated DNA and RNA damage by oxidative demethylation. Studies in mice and humans indicate a role in nervous and cardiovascular systems and a strong association with body mass index, obesity risk, and type 2 diabetes. [provided by RefSeq, Jul 2011]

订购电话: 021-55089063

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技术支持: service@genelily.com

Validation Data



Western blot analysis of extracts of various cell lines, using FTO Rabbit mAb (Gab202207) at 1:1000 dilution.

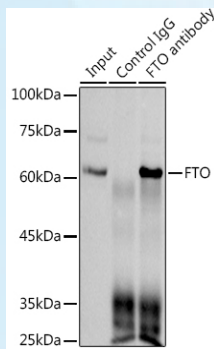
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

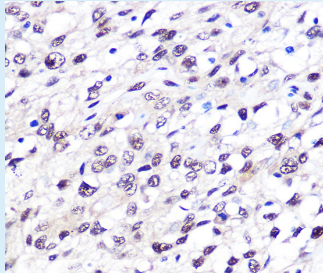
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit .

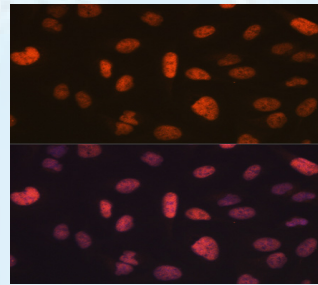
Exposure time: 3min.



Immunoprecipitation analysis of 300ug extracts of 293T cells using 3ug FTO antibody (Gab202207). Western blot was performed from the immunoprecipitate using FTO antibody (Gab202207) at a dilution of 1:500.



Immunohistochemistry of paraffin-embedded human bladder cancer using FTO Rabbit mAb (Gab202207) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of U-2 OS cells using FTO Rabbit mAb (Gab202207) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

Store at -20 . Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

* For research use only. Not for therapeutic or diagnostic purposes.

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