

FTO Rabbit pAb

Catalog No.: A18672

Basic Information

Observed MW

60kDa

Calculated MW

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse, Rat

Background

Predicted to enable 2-oxoglutarate-dependent dioxygenase activity and ferrous iron binding activity. Acts upstream of or within several processes, including cilium assembly; left/right pattern formation; and positive regulation of canonical Wnt signaling pathway. Predicted to be located in cytoplasm and nuclear speck. Human ortholog(s) of this gene implicated in obesity. Orthologous to human FTO (FTO alpha-ketoglutarate dependent dioxygenase).

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

553363

Swiss Prot

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-349 of zebrafish FTO (XP_009301626.1).

Synonyms

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

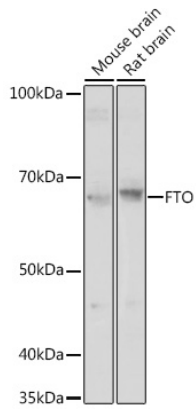
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using FTO antibody (A18672) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 180s.