



Mouse Monoclonal Antibody **FTO** conjugated to Sepharose Beads

CatalogNo: **ANT8233-M**

Size 200ul

Storage Store at 4 °C for frequent use

Description

This Antagene antibody is immobilized by the covalent reaction of hydrazinonicotinamide-modified antibody with formylbenzamide-modified beads. It is useful for immunoprecipitation.

FTO (ANT0083R) Rabbit mAb

Formulation: Each vial contains 1mg/ml Magnetic Bead in PBS, pH 7.2, 0.05mg ANaN3.

Host Species

- Rabbit
- Human, Mouse, Rat,

Reactivity

- WB, IHC, IF, IP, ELISA

Applications

MW

- 58kD (Calculated)
- 58kD (Observed)
- IgG, Kappa

Isotype

Recommended Dilution Ratios

IP

Basic Information

Clonality

Monoclonal

Clone Number ANT0083R

Immunogen Information

Specificity Endogenous

Gene name FTO
Protein Name Alpha-ketoglutarate-dependent dioxygenase FTO

Organism	Gene ID	UniProt ID
Human	79068 ;	Q9C0B1 ;
Mouse	26383 ;	Q8BGW1 ;
Rat	291905 ;	Q2A121 ;

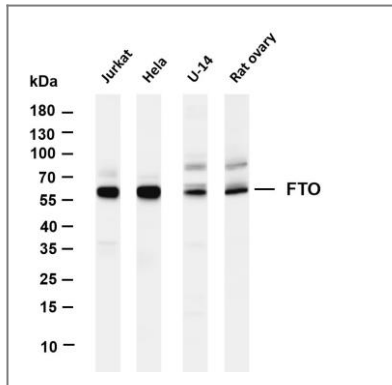
Cellular Localization Cytoplasm, Nucleus

Tissue specificity Ubiquitously expressed, with relatively high expression in adrenal glands and brain; especially in hypothalamus and pituitary (PubMed:17434869, PubMed:17496892). Highly expressed in highly expressed in acute myeloid leukemias (AML) with t(11;11)(q23;23) with KMT2A/MLL1 rearrangements, t(15;17)(q21;q21)/PML-RARA, FLT3-ITD, and/or NPM1 mutations (PubMed:28017614).

Function Function:The precise function of this protein remains to be determined.,polymorphism:At least one intronic variation within the gene predisposes to childhood and adult obesity.,similarity:Belongs to the fto family.,tissue specificity:Ubiquitously expressed, with relatively high expression in adrenal glands and brain; especially in hypothalamus and pituitary.,

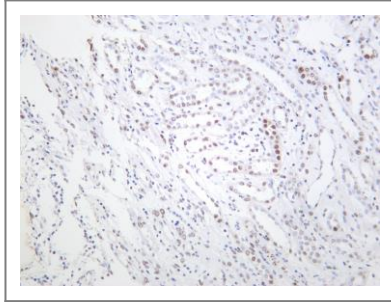


Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti- FTO (ANT0083R) antibody. The HRPconjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: Jurkat Lane 2: HeLa Lane 3: U-14 Lane 4: Rat ovary
Predicted band size: 58kDa Observed band size: 58kDa

Human kidney was stained with anti-FTO (ANT0083R) rabbit antibody



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