

FTO (PT0383R) PT™ Rabbit mAb

CatalogNo: YM8233 **Recombinant** 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF, ELISA

MW

- 58kD (Calculated)
- 58kD (Observed)

Isotype

- IgG, Kappa

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** PBS, 50% glycerol, 0.05% Proclin 300, 0.05% BSA

Recommended Dilution Ratios

IHC 1:3000-1:20000**WB 1:1000-1:5000****IF 1:200-1:1000****ELISA 1:5000-1:20000**

Basic Information

Clonality Monoclonal**Clone Number** PT0383R

Immunogen Information

Immunogen The specific immunogen used to produce this antibody is proprietary information.**Specificity** Endogenous

Target Information

Gene name FTO

Protein Name Alpha-ketoglutarate-dependent dioxygenase FTO

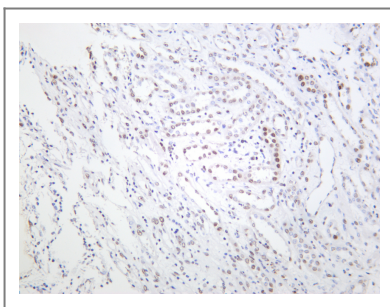
Organism	Gene ID	UniProt ID
Human	79068 ;	Q9C0B1 ;
Mouse	26383 ;	Q8BGW1 ;
Rat	291905 ;	Q2A121 ;

Cellular Localization Cytoplasm, Nucleus

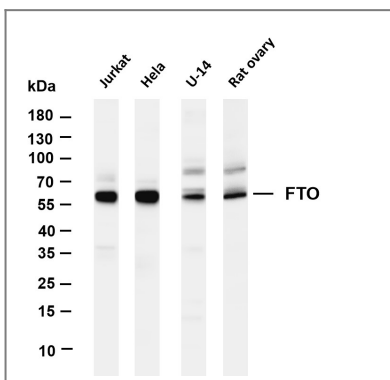
Tissue specificity Ubiquitously expressed, with relatively high expression in adrenal glands and brain; especially in hypothalamus and pituitary (PubMed:17434869, PubMed:17496892). Highly expressed in highly expressed in acute myeloid leukemias (AML) with t(11;11)(q23;23) with KMT2A/MLL1 rearrangements, 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



Human kidney was stained with anti-FTO rabbit antibody



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti- FTO antibody. The HRP-conjugated 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

| Contact information

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Rabbit mAb

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