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FTO Polyclonal Antibody

Cat #: G-AB-08662

Host: Rabbit **Reactivity:** Human, Mouse, Rat

Isotype: IgG **Clonality:**

Overview:
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.

Gene ID: 79068

Accession #:

Immunogen: Recombinant fusion protein of human FTO (NP_001073901.1).

Conjugation: Unconjugated

Swissprot: Q9C0B1

Calculated Molecular Weight: 6 kDa/12 kDa/14 kDa/58 kDa

Observed Molecular Weight: 58 kDa

Concentration: 1 mg/mL

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

Purification Method: Affinity purification

Application: WB,IHC

Dilution: WB 1:500-1:2000 IHC 1:50-1:200

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