

FTO polyclonal antibody

Catalog: BS62603

Host: Rabbit

Reactivity: Human,Rat,Mouse

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.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.4.

Molecular Weight:

~ 58 kDa

Swiss-Prot:

Q9C0B1

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

Storage&Stability:

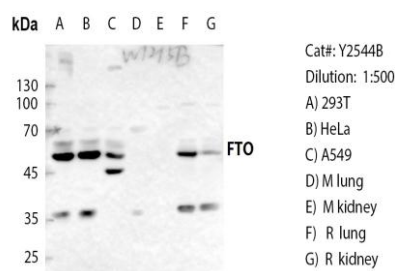
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

Specificity:

FTO polyclonal antibody detects endogenous levels of FTO protein.

DATA:



Western blot (WB) analysis of FTO polyclonal antibody at 1:500 dilution

LaneA:HEK293T whole cell lysate(40ug)

LaneB:Hela whole cell lysate(40ug)

LaneC:A549 whole cell lysate(40ug)

LaneD:The rat lung lysate of Mouse(40ug)

LaneE:The rat kidney lysate of Mouse(40ug)

Note:

For research use only, not for use in diagnostic procedure.

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