

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

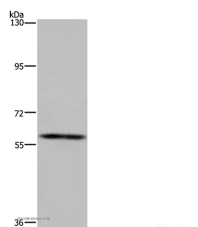
## Description

<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant protein of human FTO
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

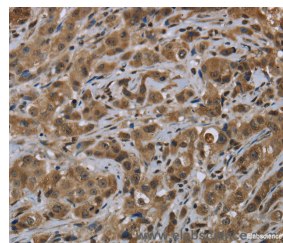
## Applications Recommended Dilution

<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:100-1:300

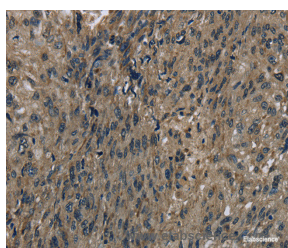
## Data



Western Blot analysis of Human fetal brain tissue using FTO Polyclonal Antibody at dilution of 1:650  
**Calculated Mw:58kDa**



Immunohistochemistry of paraffin-embedded Human breast cancer using FTO Polyclonal Antibody at dilution of 1:60



Immunohistochemistry of paraffin-embedded Human esophagus cancer using FTO Polyclonal Antibody at dilution of 1:60

## Preparation & Storage

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

## 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.

## For Research Use Only

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