
Product Name: FTO Rabbit Polyclonal Antibody**Catalog #: APRab00596**

For research use only.

Summary

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|----------------------|--|
| Description | Rabbit polyclonal Antibody |
| Host | Rabbit |
| Application | WB,ELISA |
| Reactivity | Human,Mouse,Rat |
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG |
| Clonality | Polyclonal |
| Form | Liquid |
| Concentration | 1mg/ml |
| Storage | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| Shipping | Ice bags |
| Buffer | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3. |
| Purification | Affinity Purification |

Application

| | |
|-------------------------|--|
| Dilution Ratio | WB 1:500-1:1000,ELISA 1:5000-1:20000 |
| Molecular Weight | Calculated MW: 58 kDa; Observed MW: 58 kDa |

Antigen Information

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|--------------------------|---|
| Gene Name | FTO |
| Alternative Names | FTO; KIAA1752; Alpha-ketoglutarate-dependent dioxygenase FTO; Fat mass and obesity-associated protein |
| Gene ID | 79068 |
| SwissProt ID | Q9C0B1 |
| Immunogen | The antiserum was produced against synthesized peptide derived from human FTO. AA range:19-68 |

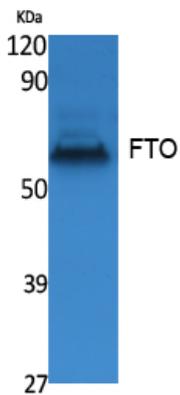
Background

Dioxygenase that repairs alkylated DNA and RNA by oxidative demethylation. Has highest activity towards single-stranded RNA containing 3-methyluracil, followed by single-stranded DNA containing 3-methylthymine.

Research Area

Neuroscience

Image Data



Western blot analysis of FTO in K562 lysates using FTO antibody.