

**Anti-FTO (Fat mass and obesity related protein) Antibody**

Our Anti-FTO (Fat mass and obesity related protein) primary antibody from PhosphoSolutions is mouse  
Catalog # AN1389

**Specification****Anti-FTO (Fat mass and obesity related protein) Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">O9C0B1</a>
Reactivity	Bovine
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Calculated MW	58282

**Anti-FTO (Fat mass and obesity related protein) Antibody - Additional Information**

Gene ID **79068**

**Other Names**

AlkB homolog 9 antibody, ALKBH9 antibody, Alpha-ketoglutarate-dependent dioxygenase FTO antibody, AW743446 antibody, Fat mass and obesity-associated protein antibody, FATSO, MOUSE, HOMOLOG OF antibody, Fto antibody, FTO\_HUMAN antibody, GDFD antibody, KIAA1752 antibody, mKIAA1752 antibody, Protein fatso antibody

**Target/Specificity**

The FTO gene is the most robust gene for common obesity characterized to date. FTO gene expression has been found to be significantly upregulated in the hypothalamus of rats after food deprivation and strongly negatively correlated with the expression of orexin peptide which is involved in the stimulation of food intake (Fredricksson R et al., 2008). Deletion analysis of FTO gene in mice showed that FTO is functionally involved in the control of both energy intake and energy expenditure (Fischer J et al., 2009).

**Dilution**

WB~~1:1000

**Format**

Protein G Purified

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Anti-FTO (Fat mass and obesity related protein) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Shipping**

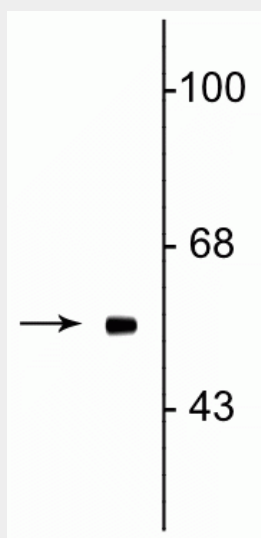
Blue Ice

## Anti-FTO (Fat mass and obesity related protein) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Anti-FTO (Fat mass and obesity related protein) Antibody - Images



Western blot of rat testes lysate showing specific immunolabeling of the ~58 kDa Fto protein.

## Anti-FTO (Fat mass and obesity related protein) Antibody - Background

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