10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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	Q9C0B1
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

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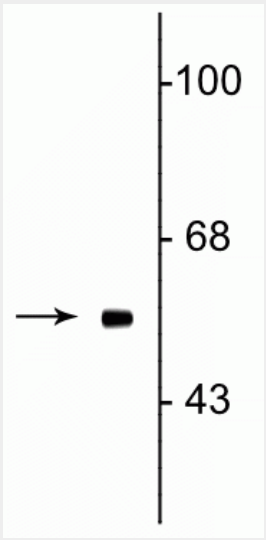
Anti-FTO (Fat mass and obesity related protein) Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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

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).