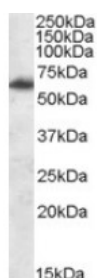




FTO Antibody

CATALOG NUMBER: 46-733



Western blot analysis of FTO in human pancreas lysate (35 ug protein in RIPA buffer) using FTO Antibody at 0.03 ug/mL.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: Antibody detection limit dilution 1:128,000. Western Blot: Approximately 60 kDa band observed in human pancreas lysates (calculated MW of 58.0 kDa according to NP_036066.2). Recommended concentration: 0.03-0.1 ug/mL.
POSITIVE CONTROL:	1) Cat. No. 1307 - Human Pancreas Tissue Lysate
IMMUNOGEN:	FTO antibody was raised against a 14 amino acid synthetic peptide near the Internal region of FTO.
HOST SPECIES:	Goat

Properties

PURIFICATION:	FTO antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	FTO antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	Fto, fat mass and obesity associated, AW743446, mKIAA1752, similar to FTO, KIAA1752
ACCESSION NO.:	NP_036066.2
PROTEIN GI NO.:	166851822
OFFICIAL SYMBOL:	Fto
GENE ID:	79068

Background

REFERENCES: 1) Gerken T, Girard CA, Tung YC, Webby CJ, Saudek V, Hewitson KS, Yeo GS, McDonough MA, Cunliffe S, McNeill LA, Galvanovskis J, Rorsman P, Robins P, Prieur X, Coll AP, Ma M, Jovanovic Z, Farooqi IS, Sedgwick B, Barroso I, Lindahl T, Ponting CP, Ashcroft FM, O'Rahilly S, Schofield CJ. The obesity-associated FTO gene encodes a 2-oxoglutarate-dependent nucleic acid demethylase. *Science*. 2007 Nov 30;318(5855):1469-72. Epub 2007 Nov 8.

FOR RESEARCH USE ONLY

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