

Anti-FTO Antibody

Catalog Number: A00219-1

About FTO

PTH elevates calcium level by dissolving the salts in bone and preventing their renal excretion. Stimulates [1-14C]-2-deoxy-D-glucose (2DG) transport and glycogen synthesis in osteoblastic cells.

Pranay C. Patel, Arch Otolaryngol Head Neck Surg, May 1998; 124: 559.

Atul A. Gawande, Arch Surg, Apr 2006; 141: 381 - 384.

Timothy M. Murray, Endocr. Rev., Feb 2005; 26: 78 - 113.

W. M. Philbrick, Physiol Rev, Jan 1996; 76: 127.

Overview

Product Name	Anti-FTO Antibody
Reactive Species	Human
Description	Boster Bio Anti-FTO Antibody catalog # A00219-1. Tested in WB, ICC/IF, IHC applications. This antibody reacts with Human.
Application	IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q9C0B1

Technical Details

Immunogen	Synthesized peptide derived from human LKB1 around the phosphorylation site of T189.
Predicted Reactive Species	Canine, Monkey
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml

Purification	ProA affinity purified
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: WB: 1:500-1:2,000 ICC/IF: 1:50-1:200 IHC: 1:50-1:200

Anti-FTO Antibody (A00219-1) Images

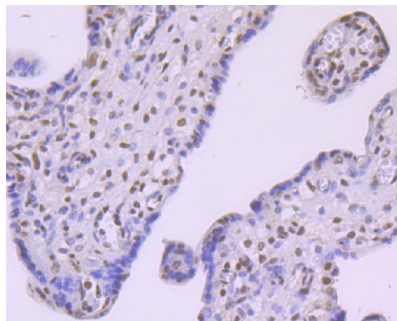


Figure 2. Immunohistochemistry validation of FTO using Anti-FTO Antibody (A00219-1).

Immunohistochemical analysis of paraffin-embedded human pancreas tissue using anti-FTO antibody. Counter stained with hematoxylin.

For more protocol information of IHC

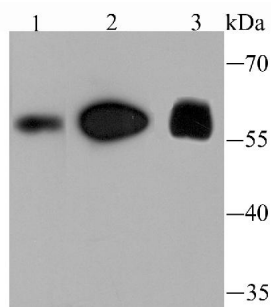


Figure 1. Western blotting validation for Anti-FTO Antibody A00219-1

Western blot analysis of FTO on different lysates using anti-FTO antibody at 1/1

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