

## Anti-FTO Antibody

Catalog Number: A00219-2

### 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, Mouse, Rat                                                                                                                          |
| Description          | Boster Bio Anti-FTO Antibody catalog # A00219-2. Tested in ELISA, WB applications. This antibody reacts with Human, Mouse, Rat.            |
| Application          | ELISA, WB                                                                                                                                  |
| Clonality            | Polyclonal                                                                                                                                 |
| Formulation          | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                    |
| 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 FTO. |
| Predicted Reactive Species | Canine, Monkey                              |
| Cross Reactivity           | No cross reactivity with other proteins.    |
| Isotype                    | IgG                                         |
| Form                       | Liquid                                      |
| Concentration              | 1 mg/ml                                     |

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purification        | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                                                                   |
| Suggested Dilutions | <p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>WB 1:500-1:2000</p> <p>ELISA 1:20000</p> |

## Anti-FTO Antibody (A00219-2) Images

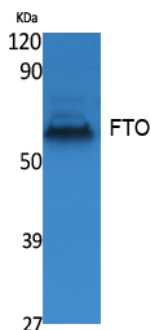


Figure 1. Western blotting validation for Anti-FTO Antibody A00219-2

Western Blot (WB) analysis of extracts from K562 cells

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