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Datasheet for ABIN6254099  
**anti-FTO antibody (N-Term)**

1 Image

6 Publications

### Overview

Quantity:	100 µL
Target:	FTO
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FTO antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

### Product Details

Immunogen:	Synthetic peptide corresponding to amino acid residues from the N-terminal region conjugated to KLH
Clone:	5-2H10
Isotype:	IgG
Cross-Reactivity:	Human, Mouse (Murine), Rat (Rattus)
Predicted Reactivity:	bovine, canine, horse, non-human primate, sheep
Purification:	Protein G purified culture supernatant

### Target Details

Target:	FTO
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## Target Details

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Alternative Name: FTO ([FTO Products](#))

Molecular Weight: 58 kDa

Gene ID: 79068

UniProt: [Q9C0B1](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Buffer: 100 µL in 10 mM HEPES ( pH 7.5), 150 mM NaCl, 100 µg per ml BSA and 50 % glycerol.

Storage: -20 °C

## Publications

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Product cited in: Ning, Liang, Liu, Wang, Edwards, Xia, Polin, Dyson, Taub, Mohammad, Azmi, Zhao, Ge: "Targeting ERK enhances the cytotoxic effect of the novel PI3K and mTOR dual inhibitor VS-5584 in preclinical models of pancreatic cancer." in: **Oncotarget**, Vol. 8, Issue 27, pp. 44295-44311, (2018) ([PubMed](#)).

Logvinova, Matyushenko, Nikolaeva, Levitsky: "Transient interaction between the N-terminal extension of the essential light chain-1 and motor domain of the myosin head during the ATPase cycle." in: **Biochemical and biophysical research communications**, Vol. 495, Issue 1, pp. 163-167, (2018) ([PubMed](#)).

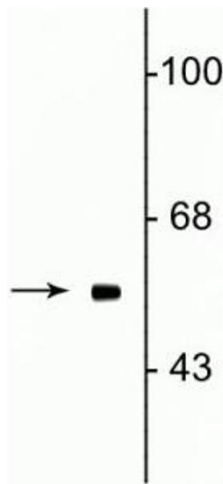
Su, Li, Ma, Zhao, Liu, Wang, Edwards, Taub, Lin, Ge: "Targeting PI3K, mTOR, ERK, and Bcl-2 signaling network shows superior antileukemic activity against AML ex vivo." in: **Biochemical pharmacology**, Vol. 148, pp. 13-26, (2018) ([PubMed](#)).

Tian, Feng, Han, Wu, Lv, Shen, Li, Zhang, Liu: "Magnolol Alleviates Inflammatory Responses and Lipid Accumulation by AMP-Activated Protein Kinase-Dependent Peroxisome Proliferator-Activated Receptor  $\alpha$  Activation." in: **Frontiers in immunology**, Vol. 9, pp. 147, (2018) ([PubMed](#)).

Yang, Shi, Liang, Ji, Zhang, Shen, Zhu, Xu: "Anti-tumor effect of evodiamine by inducing Akt-

mediated apoptosis in hepatocellular carcinoma." in: **Biochemical and biophysical research communications**, Vol. 485, Issue 1, pp. 54-61, (2017) ([PubMed](#)).

There are more publications referencing this product on: [Product page](#)



### Western Blotting

**Image 1.** Western blot of rat testes lysate showing specific immunolabeling of the ~58 kDa Fto protein.