

For Research Use Only

# FTO Monoclonal antibody, PBS Only

Catalog Number: 68111-1-PBS



## Basic Information

<b>Catalog Number:</b> 68111-1-PBS	<b>GenBank Accession Number:</b> NM_001080432	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 79068	<b>CloneNo.:</b> 1E8B1
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9C0B1	
<b>Isotype:</b> IgG2b	<b>Full Name:</b> fat mass and obesity associated	
<b>Immunogen Catalog Number:</b> AG26095	<b>Calculated MW:</b> 58 kDa	
	<b>Observed MW:</b> 58 kDa	

## Applications

**Tested Applications:**  
WB, IHC, Indirect ELISA

**Species Specificity:**  
Human, Mouse, Pig

## Background Information

Fat mass and obesity-associated protein (FTO) has efficient oxidative demethylation activity targeting the abundant N6-methyladenosine (m6A) residues in RNA in vitro. Variants in the FTO (fat mass and obesity associated) gene are associated with increased body mass index in humans.

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

For technical support and original validation data for this product please contact:

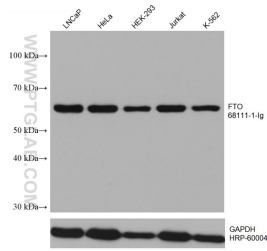
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

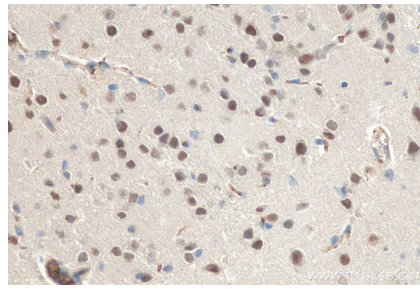
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68111-1-Ig (FTO antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control. This data was developed using the same antibody clone with 68111-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 68111-1-Ig (FTO antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 68111-1-PBS in a different storage buffer formulation.