

## FTO Antibody

Cat. No.:	HY-P80680
Synonyms:	FTO Antibody is a non-conjugated and Rabbit originated monoclonal antibody about 58 kDa, targeting to FTO. It can be used for WB,IHC-P assays with tag free, in the background of Human.
Host:	Rabbit
Reactivity:	Human
Conjugation:	Non-conjugated
SwissProt ID:	Q9C0B1
Research Field:	Neuroscience
Molecular Weight:	Predicted band size: 58 kDa

### PROPERTIES

Formulation	Supplied in 50 mM Tris-Glycine (pH 7.4), 0.15 M NaCl, 40% Glycerol and 0.05% BSA. Preservative: 0.01% Sodium azide	
Purity	affinity purified	
Storage & Stability	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.	
Appearance	Liquid	
Application & Dilution Ratio	Application	Dilution Ratio
	WB	1:500-1:1,000
	IHC	1:50-1:100
Shipping	Shipping with blue ice.	

### DESCRIPTION

Background	FTO: This gene is a nuclear protein of the AlkB related non-haem iron and 2-oxoglutarate-dependent oxygenase superfamily but the exact physiological function of this gene is not known. Other non-heme iron enzymes function to reverse alkylated DNA and RNA damage by oxidative demethylation. Studies in mice and humans indicate a role in nervous and cardiovascular systems and a strong association with body mass index, obesity risk, and type 2 diabetes. [provided by RefSeq, Jul 2011]
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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