

Product datasheet for **TA342385**

FTO Rabbit Polyclonal Antibody

Product data:

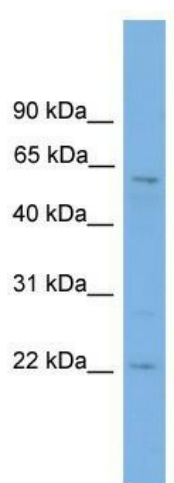
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-FTO antibody: synthetic peptide directed towards the middle region of human FTO. Synthetic peptide located within the following region: WWCQPMALQLEALWKKMEGVTNAVLHEVKREGLPVEQRNEILTALASLTA
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	58 kDa
Gene Name:	fat mass and obesity associated
Database Link:	NP_001073901 Entrez Gene 79068 Human Q9C0B1
Background:	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]
Synonyms:	ALKBH9; BMIQ14; GDFD



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Note: Immunogen Sequence Homology: Pig: 100%; Human: 100%; Rabbit: 100%; Guinea pig: 100%; Rat: 93%; Mouse: 93%; Dog: 86%; Horse: 79%

Product images:



WB Suggested Anti-FTO Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 62500; Positive Control: PANC1 cell lysate