

Anti-FTO antibody (327-504) (STJ111088)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IP/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

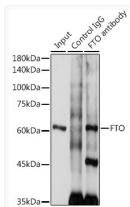
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 58kDa Observed Mw: 60kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

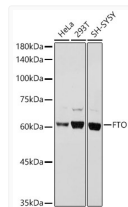
Gene ID	79068
Gene Symbol	FTO
UniProt ID	FTO_HUMAN
Immunogen Region	327-504
Immunogen Sequence	STGTLDYILQRCQLALQNVCDVDNDDVSLKSFEPAVLKQGEEIHNEVEFEWLRQFWFQG NRYRKCTDWWCQPMALQLEALWKKMEGVTVNAVLHEVKREGLPVEQRNEILTALASLTARQ NLRREWHARCQSRIARTLPA DQKPECRPYWEKDDASMLPLFDLTDIVSELRGQLEAK
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 327-504 of human FTO (NP_001073901.1).

ADDITIONAL INFORMATION

Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Immunoprecipitation analysis of 300 Mu g extracts of SH-SY5Y cells using 3 Mu g FTO antibody (STJ111088). Western blot was performed from the immunoprecipitate using FTO antibody (STJ111088) at a dilution of 1:1000.



Western blot analysis of various lysates using FTO Rabbit polyclonal antibody (STJ111088) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.