

Product Datasheet

FTO Rabbit Polyclonal Antibody (orb101157)

Catalog Number	orb101157
Category	Antibodies
Description	FTO Rabbit Polyclonal Antibody
Target	FTO
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Predicted Reactivity	Bovine, Canine, Equine, Porcine, Rabbit, Sheep
Form/Appearance	Liquid
Concentration	1mg/ml
Buffer/Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Purification	Affinity purified by Protein A
Immunogen	KLH conjugated synthetic peptide derived from human Protein fatso (165-265/505aa)
UniProt ID	Q9C0B1
MW	60 kDa

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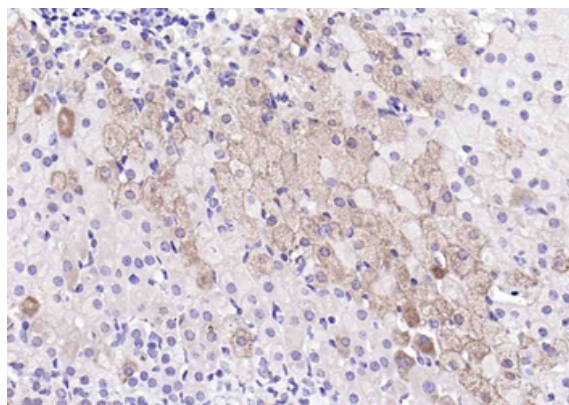
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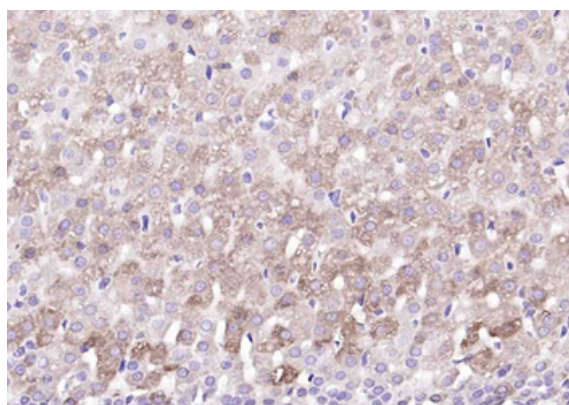
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Tested applications	WB
Dilution range	WB=1:500-2000
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Paraformaldehyde-fixed, paraffin embedded (mouse adrenal gland), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (FTO) Polyclonal Antibody, Unconjugated (orb101157) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat adrenal gland), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (FTO) Polyclonal Antibody, Unconjugated (orb101157) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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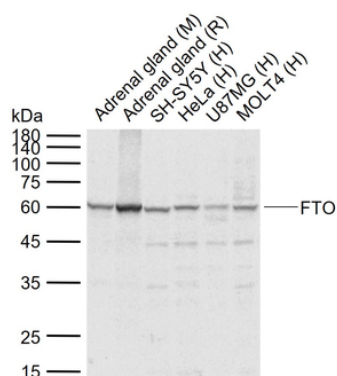
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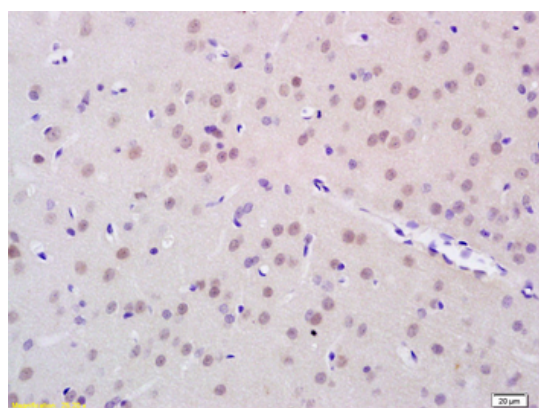
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Sample: Lane 1: Mouse Adrenal gland tissue lysates, Lane 2: Rat Adrenal gland tissue lysates, Lane 3: Human SH-SY5Y cell lysates, Lane 4: Human HeLa cell lysates, Lane 5: Human U87MG cell lysates, Lane 6: Human MOLT4 cell lysates, Primary: Anti-FTO (orb101157) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 58 kDa, Observed band size: 60 kDa.



Tissue/cell: rat brain tissue, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-FTO/Protein fatso Polyclonal Antibody, Unconjugated (orb101157) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

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