
Product Name: FTO Rabbit Monoclonal Antibody**Catalog #: AMRe85585**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100
Molecular Weight	Calculated MW: 58 kDa; Observed MW: 58 kDa

Antigen Information

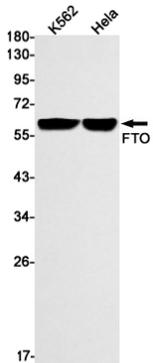
Gene Name	FTO
Alternative Names	FTO; KIAA1752; Alpha-ketoglutarate-dependent dioxygenase FTO; Fat mass and obesity-associated protein
Gene ID	79068.0
SwissProt ID	Q9C0B1
Immunogen	A synthetic peptide of human FTO

Background

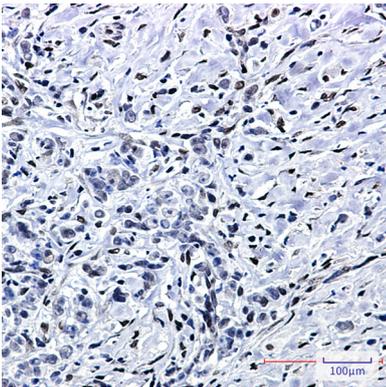
Dioxygenase that repairs alkylated DNA and RNA by oxidative demethylation. Has highest activity towards single-stranded RNA containing 3-methyluracil, followed by single-stranded DNA containing 3-methylthymine.

Research Area

Image Data



Western blot analysis of FTO in K562, HeLa lysates using FTO antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using FTO antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.