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FTO Rabbit mAb

货号: **AYM29527**

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IF/ICC
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200
理论分子量	6kDa/12kDa/14kDa/58kDa
实测分子量	58kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,293T,SH-SY5Y
细胞定位	Nucleus,Nucleus speckle
纯化	Affinity purification

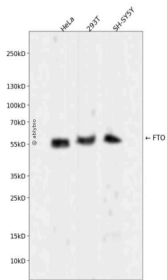
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human FTO.
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靶点信息

研究背景	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.
基因ID	79068
基因名	FTO
Swiss	Q9C0B1 (https://www.uniprot.org/uniprotkb/Q9C0B1/entry)
别名	FTO,FTO Rabbit mAb,Fat mass and obesity-associated protein,U6 small nuclear RNA (2'-O-methyladenosine-N(6)-)-demethylase FTO,U6 small nuclear RNA N(6)-methyladenosine-demethylase FTO,mRNA (2'-O-methyladenosine-N(6)-)-demethylase FTO

产品验证



Western blot analysis of FTO expressed in HeLa,293T,SH-SY5Y using FTO Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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