

# FTO Rabbit pAb

货号: **AYP11277**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	<b>WB:</b> Mus musculus , Homo sapiens , Rattus norvegicus <b>IHC:</b> Mus musculus
应用	<a href="#">WB</a> <a href="#">IP</a>
推荐浓度	<b>WB:</b> 1:500 - 1:1000 <b>IP:</b> 1:500 - 1:1000
理论分子量	6kDa/12kDa/14kDa/58kDa
实测分子量	60KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,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

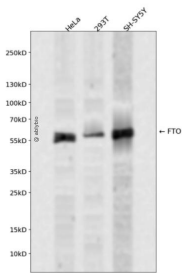
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-240 of human FTO (N P_001073901.1).
序列	MKRTPTAEEREREAKKLRLLEELEDTWLPYLTPKDDEFYQWQLKYPKLILREASSVSEELHKEVQEAFLLHKHGCLFRDLVRIQGDLLTPVSRILIGNPGCTYKYLNTRLFTVPWPVKGSNIKHTAEIAAACETFLKLNLYLQIETIQALEELAAKEKANEDAVPLCMSADFPVRVGMGSSYNGQDEVDIKSRAAYNVTLNFMDPQKMPYLKEEYPFGMGKMAVSWHHDENLVDRS

## 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
别名	FTO;ALKBH9;BMIQ14;GDFD

## 产品验证



Western blot analysis of FTO expressed in HeLa,293T,SH-SY5Y using FTO Rabbit pAb 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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