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# NFS1 Rabbit pAb

货号: **AYP16636**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC IF/ICC
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200 <b>IF/ICC:</b> 1:50 - 1:200
理论分子量	44kDa/50kDa
实测分子量	47KDa
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	SH-SY5Y,HepG2,BxPC-3,Mouse brain,Mouse liver,Mouse heart,Rat brain,Rat liver,Rat heart
细胞定位	Cytoplasm,Mitochondrion,Nucleus
纯化	Affinity purification

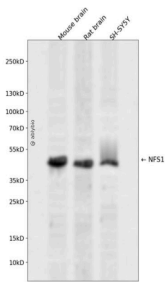
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 290-457 of human NFS1 (NP_066923.3).
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## 靶点信息

研究背景	Iron-sulfur clusters are required for the function of many cellular enzymes. The proteins encoded by this gene supply inorganic sulfur to these clusters by removing the sulfur from cysteine, creating alanine in the process. This gene uses alternate in-frame translation initiation sites to generate mitochondrial forms and cytoplasmic/nuclear forms. Selection of the alternative initiation sites is determined by the cytosolic pH. The encoded proteins belong to the class-V family of pyridoxal phosphate-dependent aminotransferases. Alternatively spliced transcript variants have been described.
基因ID	9054
基因名	NFS1
Swiss	Q9Y697 ( <a href="https://www.uniprot.org/uniprotkb/Q9Y697/entry">https://www.uniprot.org/uniprotkb/Q9Y697/entry</a> )
别名	NFS1,HUSSY-08,IscS,NIFS,NFS1 Rabbit pAb

## 产品验证



Western blot analysis of NFS1 expressed in Mouse brain,Rat brain,SH-SY5Y using NFS1 Rabbit pAb at 1:10 00. 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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