

**产品名称:** ATPO Rabbit Polyclonal Antibody

**产品货号:** APRab07351

### 产品概述 (Summary)

|                   |                                                                                          |
|-------------------|------------------------------------------------------------------------------------------|
| 描述(Description)   | Rabbit polyclonal Antibody                                                               |
| 宿主(Host)          | Rabbit                                                                                   |
| 应用(Application)   | WB,ELISA                                                                                 |
| 种属反应(Reactivity)  | Human,Mouse,Rat                                                                          |
| 偶联物(Conjugation)  | Unconjugated                                                                             |
| 修饰(Modification)  | Unmodified                                                                               |
| 同种型(Isotype)      | IgG                                                                                      |
| 克隆(Clonality)     | Polyclonal                                                                               |
| 剂型(Form)          | Liquid                                                                                   |
| 保存条件(Storage)     | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| 储存溶液(Buffer)      | Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.                |
| 纯化 (Purification) | Affinity purification                                                                    |

### 产品应用(Application)

|                       |                                      |
|-----------------------|--------------------------------------|
| 稀释比(Dilution Ratio)   | WB 1:500-1:2000,ELISA 1:5000-1:20000 |
| 分子量(Molecular Weight) | 23kDa                                |

### 抗原信息(Antigen Information)

|                       |                                                                    |
|-----------------------|--------------------------------------------------------------------|
| 基因名(Gene Name)        | ATP5O ATPO                                                         |
| 别名(Alternative Names) |                                                                    |
| 基因 ID(Gene ID)        | 539.0                                                              |
| SwissProt ID          | P48047                                                             |
| 免疫原(Immunogen)        | Synthesized peptide derived from human protein . at AA range: 1-80 |

### 研究背景 (Background)

The protein encoded by this gene is a component of the F-type ATPase found in the mitochondrial matrix. F-type ATPases are composed of a catalytic core and a membrane proton channel. The encoded protein appears to be part of the connector linking these two components and may be involved in transmission of conformational changes or proton conductance. [provided by RefSeq, Jul 2008],function:Mitochondrial membrane ATP synthase (F(1)F(0) ATP synthase or Complex V) produces ATP from

ADP in the presence of a proton gradient across the membrane which is generated by electron transport complexes of the respiratory chain. F-type ATPases consist of two structural domains, F(1) - containing the extramembraneous catalytic core and F(0) - containing the membrane proton channel, linked together by a central stalk and a peripheral stalk. During catalysis, ATP synthesis in the catalytic domain of F(1) is coupled via a rotary mechanism of the central stalk subunits to proton translocation. Part of the complex F(0) domain and the peripheral stalk, which acts as a stator to hold the catalytic  $\alpha(3)\beta(3)$  subcomplex and subunit  $a/ATP6$  static relative to the rotary elements. similarity: Belongs to the ATPase delta chain family. subunit: F-type ATPases have 2 components, CF(1) - the catalytic core - and CF(0) - the membrane proton channel. CF(1) has five subunits:  $\alpha(3)$ ,  $\beta(3)$ ,  $\gamma(1)$ ,  $\delta(1)$ ,  $\epsilon(1)$ . CF(0) has three main subunits:  $a$ ,  $b$  and  $c$ .

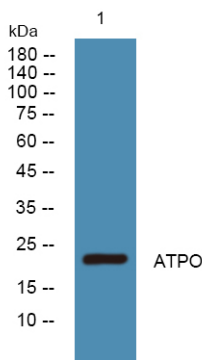
### 研究领域 (Research Area)

Oxidative phosphorylation; Alzheimer's disease; Parkinson's disease; Huntington's disease;

### 注意事项 (Note)

For research use only.

### 图片 (Image Data)



Western blot analysis of lysates from U2OS cells, ATPO Rabbit Polyclonal Antibody was diluted at 1:1000, 4° over night

## EnkiLife 优势产品推荐

| 产品类别                        | 产品货号     | 产品名称                                               |
|-----------------------------|----------|----------------------------------------------------|
| WB 解决方案                     | RA10020  | 2h 极速 WB 即用型全流程试剂盒                                 |
|                             | RA10021  | 4h 快速 WB 即用型全流程试剂盒                                 |
|                             | RA10042  | 5h 畅享版 WB 全流程试剂盒                                   |
|                             | RA10037  | 校准级彩色预染蛋白 Marker (8-180kDa)                        |
|                             | RA10038  | 校准级彩色预染蛋白 Marker (10-250kDa)                       |
|                             | RA10039  | 校准级高分子彩色预染蛋白 Marker (25-400kDa)                    |
| TSA 多重荧光染色试剂盒               | RA10008  | TSA 双标三色多重荧光染色试剂盒 (mIHC)                           |
|                             | RA10009  | TSA 三标四色多重荧光染色试剂盒 (mIHC)                           |
|                             | RA10010  | TSA 四标五色多重荧光染色试剂盒 (mIHC)                           |
|                             | RA10011  | TSA 五标六色多重荧光染色试剂盒 (mIHC)                           |
|                             | RA10012  | TSA 六标七色多重荧光染色试剂盒 (mIHC)                           |
| IHC 检测试剂盒                   | RA10006  | HRP Anti-Mouse/Rabbit IHC Detection System         |
|                             | RA10007  | Polymer-HRP Anti-Mouse/Rabbit IHC Detection System |
| 抗体标记试剂盒                     | RE80004p | 辣根过氧化物酶(HRP)抗体标记试剂盒                                |
|                             | RE80002q | Sulfo-NHS-生物素标记试剂盒                                 |
|                             | RE80007p | Cy3 荧光素标记试剂盒                                       |
|                             | RE80011p | Fluor488 荧光素标记试剂盒                                  |
|                             | RE80017p | Fluor750 荧光素标记试剂盒                                  |
|                             | RE80005p | 藻红蛋白(R-PE) 抗体快速标记试剂盒                               |
|                             | RE80040  | PE-Cy7 串联染料抗体快速标记试剂盒                               |
| 稳转细胞系构建服务<br>(免费赠送全膜 WB 验证) | TS-0001  | 过表达稳转细胞系构建                                         |
|                             | TS-0002  | 敲低稳转细胞系构建                                          |
|                             | TS-0003  | 敲除细胞系构建                                            |

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