

## 兔抗 ACO1 多克隆抗体

中文名称: 兔抗 ACO1 多克隆抗体

英文名称: Anti-ACO1 rabbit polyclonal antibody

别名: IRP1; ACONS; IREB1; IREBP; IREBP1

相关类别: 一抗

储存: 冷冻 (-20℃)

宿主: Rabbit

抗原: ACO1

反应种属: Human, Mouse, Rat

标记物: Unconjugate

克隆类型: rabbit polyclonal

### 技术规格

|                          |  |
|--------------------------|--|
| <b>Background:</b>       | Aconitase 1, also known as iron regulatory element binding protein 1 (IREB1), is a cytosolic protein which binds to iron-responsive elements (IREs). IREs are stem-loop structures found in the 5' UTR of ferritin mRNA, and in the 3' UTR of transferrin receptor mRNA. The iron-induced binding to the IRE results in repression of translation of ferritin mRNA, and inhibition of degradation of the otherwise rapidly degrading transferrin receptor mRNA. Thus, IREB1 plays a central role in cellular iron homeostasis. It was also shown to have aconitase activity, and hence grouped with the aconitase family of enzymes. |
| <b>Applications:</b>     | ELISA, WB  |
| <b>Name of antibody:</b> | ACO1   |

|                                    |                                   |
|------------------------------------|-----------------------------------|
| <b>Immunogen:</b>                  | Synthetic peptide of human ACO1   |
| <b>Full name:</b>                  | aconitase 1, soluble              |
| <b>Synonyms :</b>                  | IRP1; ACONS; IREB1; IREBP; IREBP1 |
| <b>SwissProt:</b>                  | P21399                            |
| <b>ELISA Recommended dilution:</b> | 2000-10000                        |
| <b>WB Predicted band size:</b>     | 98 kDa                            |
| <b>WB Positive control:</b>        | Mouse liver tissue                |
| <b>WB Recommended dilution:</b>    | 1000-5000                         |

