

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

Background:

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.

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

