

## 兔抗 COA7 多克隆抗体

中文名称: 兔抗 COA7 多克隆抗体

英文名称: Anti-COA7 rabbit polyclonal antibody

别名: RESA1; SELRC1; C1orf163

储存: 冷冻 (-20℃)

抗原: COA7

宿主: Rabbit

反应种属: Human, Mouse

相关类别: 一抗

标记物: Unconjugate

克隆类型: rabbit polyclonal

### 技术规格

#### Background:

The cytochrome c oxidase (COX) family of proteins function as the final electron donor in the respiratory chain to drive a proton gradient across the inner mitochondrial membrane, ultimately resulting in the production of water. COA7 (cytochrome c oxidase assembly factor 7), also known as RESA1, SELRC1 or C1orf163, is a 231 amino acid mitochondrial protein that belongs to the hcp beta-lactamase family. Consisting of five Sel1-like repeats, COA7 may be associated with respiratory chain assembly. COA7 is encoded by a gene located on human chromosome 1p32.3. Chromosome 1 is the largest human chromosome spanning about 260 million base pairs and making up 8% of the human genome. There are

	about 3,000 genes on chromosome 1, and considering the great number of genes there are also a large number of diseases associated with chromosome 1. Notably , the rare aging disease Hutchinson-Gilford progeria is associated with the LMNA gene, which encodes lamin A. When defective, the LMNA gene product can build up in the nucleus and cause characteristic nuclear blebs . The mechanism of rapidly enhanced aging is unclear and is a topic of continuing exploration.
<b>Applications:</b>	ELISA, WB, IHC
<b>Name of antibody:</b>	COA7
<b>Immunogen:</b>	Full length fusion protein
<b>Full name:</b>	cytochrome c oxidase assembly factor 7 (putative)
<b>Synonyms:</b>	RESA1; SELRC1; C1orf163
<b>SwissProt:</b>	Q96BR5
<b>ELISA Recommended dilution:</b>	5000-10000
<b>IHC positive control:</b>	Human liver cancer and human lung cancer
<b>IHC Recommend dilution:</b>	40-200
<b>WB Predicted band size:</b>	26 kDa
<b>WB Positive control:</b>	HEPG2 and HL-60 cell lysates
<b>WB Recommended dilution:</b>	500-2000



