

小鼠抗 UQCRC1 单克隆抗体

中文名称: 小鼠抗 UQCRC1 单克隆抗体

英文名称: Anti-UQCRC1 mouse monoclonal antibody

别名: D3S3191; QCR1; UQCR1

抗原: UQCRC1

储存: 冷冻 (-20°C) 避光

宿主: Mouse

反应种属: Human , Dog , Rat , Monkey , Mouse

相关类别: 一抗

标记物: Unconjugate

克隆类型: mouse monoclonal

技术规格

Background:

UQCRC1, or Ubiquinol-cytochrome-c reductase complex core protein 1, is a core subunit of the mitochondrial respiratory complex III. It is the largest nuclear encoded subunit of the complex. UQCRC1 plays a key role in mitochondria-to-nucleus retrograde response and is involved in the mitochondrial proton gradient formation. It has also shown to interact with Nogo, an inhibitor of neurite growth after spinal cord injury. UQCRC1 has been found at high expression levels in breast and ovarian tumors, positively correlating with Cox-2 expression. Transcription of UQCRC1 is repressed by the nuclear protein methyl-CpG-binding protein-2 (MeCP2). A mutation in the gene for MeCP2 (associated with Rett syndrome) can result in the overexpression of UQCRC1, leading

	to increased activity of complex III.
Applications:	WB, IHC, FC
Name of antibody:	UQCRC1
Immunogen:	Fusion protein of human UQCRC1
Full name:	ubiquinol-cytochrome c reductase core protein I (UQCRC1)
Synonyms:	D3S3191; QCR1; UQCR1
SwissProt:	P31930
IHC positive control:	carcinoma of human liver tissue and human liver tissue; human kidney tissue and human prostate tissue
IHC Recommend dilution:	30-150
WB Predicted band size:	53 kDa
WB Positive control:	HepG2, Hela, SVT2, A549, COS7, Jurkat, MDCK, PC12, MCF-7 cell lysates
WB Recommended dilution:	500-2000