

产品介绍

OXPHOS（氧化磷酸化）通过线粒体呼吸链将电子传输到分子氧，这涉及四种蛋白复合物。复合物 I、II、III 和 IV（CI、CII、CIII 和 CIV）和两个移动电子载体：辅酶 Q (CoQ) 和细胞色素 c。呼吸链产生跨膜质子梯度，由复合物 V（也称为 ATP 合酶，CV）引导以合成 ATP。

此 OXPHOS 试剂盒一管包含五种多克隆抗体，适用于对来自人的线粒体蛋白样本中 5 种 OXPHOS 复合物的相对水平进行蛋白质印迹分析。此试剂盒抗体为五种抗体混合而成。需要检测单独蛋白可按相应货号购置。

产品成分

	Cat.No	Name	Complex	MW	Size
Antibodies	14676-1-AP	ATP5A1	Complexes V	50-55 kDa	100ul
	21705-1-AP	UQCRC1	Complexes III	45 kDa	
	10620-1-AP	SDHB	Complexes II	32 kDa	
	55070-1-AP	MTCO2	Complexes IV	23-25 kDa	
	14794-1-AP	NDUFB8	Complexes I	19-22 kDa	

包装规格

100ul

保存条件

-20℃保存。自收到之日起一年内保持稳定。

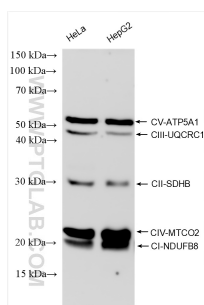
使用方法

[Western Blot Protocol](#)

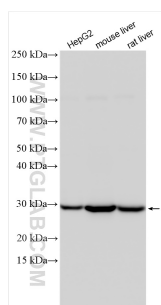
推荐稀释比

APPLICATION	DILUTION
Western Blot (WB)	WB : 1:1000-1:8000

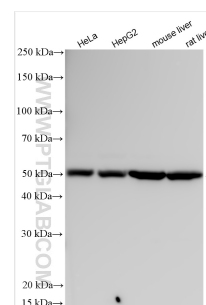
Validation Data



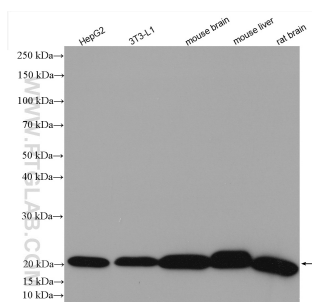
Various lysates were subjected to SDS PAGE followed by western blot with PK30006 (OXPHOS Cocktail (Human recommended)) at dilution of 1:4000 incubated at room temperature for 1 hours.



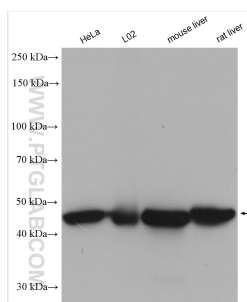
Various lysates were subjected to SDS PAGE followed by western blot with 10620-1-AP (SDHB antibody) at dilution of 1:16000 incubated at room temperature for 1.5 hours.



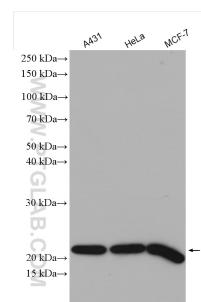
Various lysates were subjected to SDS PAGE followed by western blot with 14676-1-AP (ATP5A1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 14794-1-AP (NDUFB8 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 21705-1-AP (UQCRC1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 55070-1-AP (MTCO2 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.

For technical support and original validation data for this product please contact

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.