

Complex II WB Antibody Cocktail ab110410

30 References [画像数 1](#)

製品の概要

製品名	Complex II WB Antibody Cocktail
アッセイタイプ	Quantitative
種交差性	交差種: Mouse, Rat, Cow, Human
製品の概要	Contains a total of 305 µg of antibodies and is a pre-mixed solution of 3 monoclonal antibodies against Complex II subunits 70 kDa Fp, 30 kDa Ip along with an antibody against Complex V alpha as a control. This cocktail can be used to verify isolated Complex II purity or to conveniently determine the levels of 2 of the 4 Complex II subunits in cell lines relative to the control protein (Complex V alpha).

Cocktail Antibodies:

Mouse C-V-alpha [15H4C4] monoclonal:

Amount: 50 µg

Working concentration: 1 µg/ml

Mouse C-II-30 (FeS) [21A11AE7] monoclonal:

Amount: 250 µg

Working concentration: 5 µg/ml

Mouse C-II-70 (FL) [2E3GC12FB2AE2] monoclonal:

Amount: 5 µg

Working concentration: 0.1 µg/ml

特記事項

Related products

Review the [mitochondrial assay guide](#), or the full [metabolism assay guide](#) to learn about more assays for metabolites, metabolic enzymes, mitochondrial function, and oxidative stress, and also how to assay metabolic function in live cells using your plate reader.

アプリケーション

適用あり: WB

製品の特性

保存方法

Store at +4°C. Please refer to protocols.

内容	305 µg
Pre-mixed solution of 3 monoclonal antibodies	1 x 305µg

関連性

Complex II is also called succinate ubiquinone oxidoreductase or more commonly succinate dehydrogenase complex. This complex is composed of four nuclear encoded subunits and contains a flavin (FAD), non-heme iron centers and a b-type cytochrome as prosthetic groups. It is both a component of the electron transport chain and an enzyme of the Krebs cycle. Complex II deficiencies are seen in OXPHOS genetic disease and found in a type of cancer called paraganglioma.

アプリケーション

The Abpromise guarantee

Abpromise保証は、次のテスト済みアプリケーションにおけるab110410の使用に適用されます

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 6 µg/ml. The antibody cocktail (1.5 mg/mL) should be diluted 250x to a final working concentration of 6 µg/mL for Western blotting.

画像



Western blot - Complex II WB Antibody Cocktail
(ab110410)

All lanes : Complex II WB Antibody Cocktail (ab110410) at 1/250 dilution

Lane 1 : human heart mitochondria at 10 µg

Lane 2 : Immunoprecipitated Complex II at 0.5 µg

The Western blot cocktail ab110410 contains two Complex II subunits SDHA (70 kDa) and SDHB (30 kDa) and a general mitochondrial marker ATP synthase alpha subunit (F1α, 55 kDa). All three are present in the mitochondrial sample (1). The Complex II sample purified by Complex II immunoprecipitation beads (**ab109799**) shows only Complex II subunits (2).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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