


Product datasheet

Anti-ADK antibody ab54818

画像数 1

製品の概要

製品名	Anti-ADK antibody
製品の詳細	Mouse monoclonal to ADK
由来種	Mouse
アプリケーション	適用あり: ELISA, WB
種交差性	交差種: Recombinant fragment 交差が予測される動物種: Human 
免疫原	Recombinant fragment, corresponding to amino acids 236-346 of Human ADK with tag (NP_001114)
ポジティブ・コントロール	Recombinant fragment of human ADK.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	Preservative: None Constituents: 1X PBS, pH 7.2
精製度	Protein A purified
ポリ/モノ	モノクローナル
アイソタイプ	IgG2a
軽鎖の種類	kappa

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab54818** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

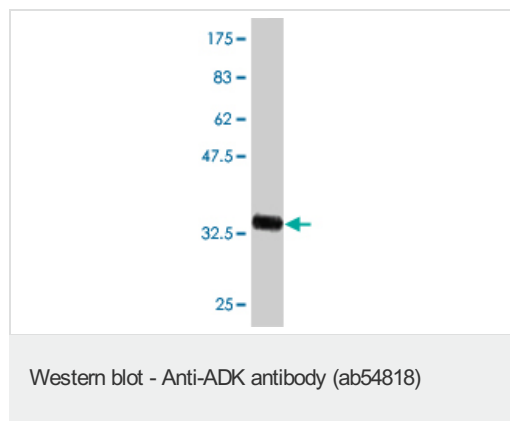
アプリケーション	Abreviews	特記事項

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ELISA		Use at an assay dependent dilution. Detection limit for recombinant tagged ADK is approximately 10ng/ml if used as a capture antibody.
WB		1/500 - 1/1000. Detects a band of approximately 38 kDa (predicted molecular weight: 41 kDa). This antibody has only been tested in WB against the recombinant fragment used as immunogen. We have no data on the detection of endogenous protein.

## ターゲット情報

機能	ATP dependent phosphorylation of adenosine and other related nucleoside analogs to monophosphate derivatives. Serves as a potential regulator of concentrations of extracellular adenosine and intracellular adenine nucleotides.
組織特異性	Widely expressed. Highest level in placenta, liver, muscle and kidney.
パスウェイ	Purine metabolism; AMP biosynthesis via salvage pathway; AMP from adenosine 3',5'-bisphosphate: step 1/1.
配列類似性	Belongs to the carbohydrate kinase pfkB family.

## 画像



Anti-ADK antibody (ab54818) at 1/500 dilution + Recombinant fragment of human ADK at 0.2 µg

### Secondary

Goat Anti-Mouse IgG (H&L)-HRP at 1/5000 dilution

**Predicted band size:** 41 kDa

**Observed band size:** 38 kDa

[why is the actual band size different from the predicted?](#)

Western blot against tagged recombinant protein immunogen using ab54818 antibody at 1/500 dilution. Predicted band size of immunogen is 41kDa.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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