

Product datasheet

Anti-ROCK2 (phospho T249) antibody ab83514

★★★★☆ 3 Abreviews 2 References 画像数 1

製品の概要

製品名	Anti-ROCK2 (phospho T249) antibody
製品の詳細	Rabbit polyclonal to ROCK2 (phospho T249)
由来種	Rabbit
特異性	Does not react to non-phosphorylated ROCK2.
アプリケーション	適用あり: IHC-P, WB, IP, ELISA
種交差性	交差種: Mouse, Human 交差が予測される動物種: Rat
免疫原	A synthetic peptide corresponding to the epitope -CDTAV- with a single phosphorylation site Thr249 of Human ROCK2.
ポジティブ・コントロール	Conditioned 3T3 cell lysate.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	Preservative: None Constituents: PBS, pH 7.2 containing antibody stabilizer.
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab83514** in the following tested applications.

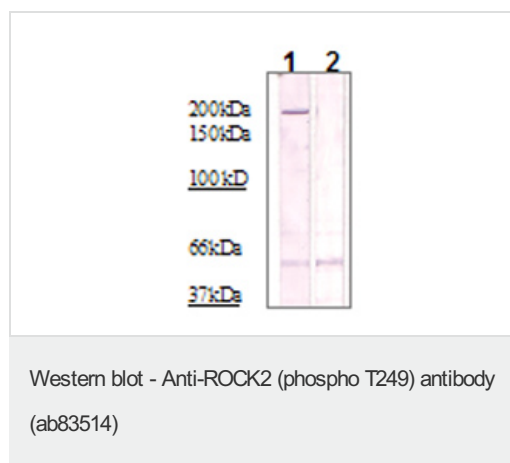
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
IHC-P		Use a concentration of 0.5 - 2 µg/ml.
WB	★★★★☆	Use a concentration of 0.1 - 1 µg/ml. Detects a band of approximately 165 kDa (predicted molecular weight: 161 kDa).
IP		Use a concentration of 2 - 5 µg/ml.
ELISA		Use a concentration of 0.01 - 0.1 µg/ml.

ターゲット情報

機能	Regulates the assembly of the actin cytoskeleton. Promotes formation of stress fibers and of focal adhesion complexes. Plays a role in smooth muscle contraction.
配列類似性	Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. Contains 1 AGC-kinase C-terminal domain. Contains 1 PH domain. Contains 1 phorbol-ester/DAG-type zinc finger. Contains 1 protein kinase domain. Contains 1 REM (Hr1) repeat.
翻訳後修飾	Phosphorylated upon DNA damage, probably by ATM or ATR.
細胞内局在	Cytoplasm. Cell membrane. Cytoplasmic, and associated with actin microfilaments and the plasma membrane.

画像



All lanes : Anti-ROCK2 (phospho T249) antibody (ab83514) at 1/500 dilution

Lane 1 : Conditioned 3T3 cell lysate

Lane 2 : Negative control

Predicted band size: 161 kDa

Observed band size: 165 kDa

The cell lysate derived from conditioned 3T3 cells was immunoprecipitated by ab83514 then immunoprobed by the same antibody at 1:500.

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