


Product datasheet

Anti-PDCD4 (phospho S457) antibody ab118505

画像数 1

製品の概要

製品名	Anti-PDCD4 (phospho S457) antibody
製品の詳細	Rabbit polyclonal to PDCD4 (phospho S457)
由来種	Rabbit
アプリケーション	適用あり: WB, IHC-P, ELISA
種交差性	交差種: Human 交差が予測される動物種: Mouse, Rat, Rabbit, Chicken, Cow, Pig, Xenopus laevis, Orangutan 
免疫原	Synthetic phosphopeptide: CPSRGRKRFVSP ^E EGDGGRLK conjugated to KLH, corresponding to amino acids 447-465 of Human PDCD4 Run BLAST with Run BLAST with
ポジティブ・コントロール	Human breast tissue.

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. Avoid repeated freeze / thaw cycles.
バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 0.88% Sodium chloride, 0.27% Potassium phosphate
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 **ab118505** in the following tested applications.

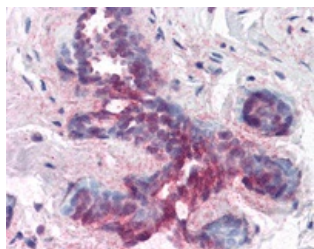
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB		1/200 - 1/5000. Predicted molecular weight: 52 kDa.
IHC-P		Use a concentration of 1.25 - 2.5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ELISA		1/1500 - 1/7000.

ターゲット情報

機能	Inhibits translation initiation and cap-dependent translation. May exert its function by hindering the interaction between EIF4A1 and EIF4G. Inhibits the helicase activity of EIF4A. Modulates the activation of JUN kinase. Down-regulates the expression of MAP4K1, thus inhibiting events important in driving invasion, namely, MAPK85 activation and consequent JUN-dependent transcription. May play a role in apoptosis. Tumor suppressor. Inhibits tumor promoter-induced neoplastic transformation. Binds RNA.
組織特異性	Up-regulated in proliferative cells. Highly expressed in epithelial cells of the mammary gland. Reduced expression in lung cancer and colon carcinoma.
配列類似性	Belongs to the PDCD4 family. Contains 2 MI domains.
ドメイン	Binds EIF4A1 via both MI domains.
翻訳後修飾	Polyubiquitinated, leading to its proteasomal degradation. Rapidly degraded in response to mitogens. Phosphorylation of the phosphodegron promotes interaction with BTRC and proteasomal degradation.
細胞内局在	Nucleus. Cytoplasm. Shuttles between the nucleus and cytoplasm. Predominantly nuclear under normal growth conditions, and when phosphorylated at Ser-457. Exported from the nucleus in the absence of serum.

画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PDCD4 antibody (ab118505)

ab118505, at 2.5 µg/ml, staining PDCD4 in formalin-fixed, paraffin-embedded Human Breast tissue by Immunohistochemistry using a biotinylated goat anti-rabbit IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.

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