

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 <sup>E</sup> EGDGGRLK conjugated to KLH, corresponding to amino acids 447-465 of Human PDCD4 <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
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.

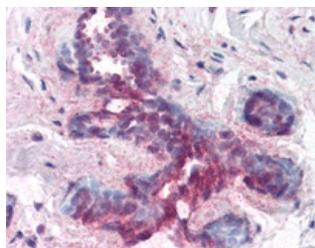
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

<b>機能</b>	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.
<b>組織特異性</b>	Up-regulated in proliferative cells. Highly expressed in epithelial cells of the mammary gland. Reduced expression in lung cancer and colon carcinoma.
<b>配列類似性</b>	Belongs to the PDCD4 family. Contains 2 MI domains.
<b>ドメイン</b>	Binds EIF4A1 via both MI domains.
<b>翻訳後修飾</b>	Polyubiquitinated, leading to its proteasomal degradation. Rapidly degraded in response to mitogens. Phosphorylation of the phosphodegron promotes interaction with BTRC and proteasomal degradation.
<b>細胞内局在</b>	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 (phospho S457) 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.

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

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- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
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