

## Product datasheet

# Anti-PHAP1 antibody ab51013

1 References    **画像数 2**

### 製品の概要

製品名	Anti-PHAP1 antibody
製品の詳細	Rabbit polyclonal to PHAP1
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: Rat, Chicken, Cow, Dog, Zebrafish 
免疫原	A region within synthetic peptide: MEMGRRIHLE LRNRTPSDVK ELVLDNSRSN EGKLEGTLDE FEELEFLSTI, corresponding to N terminal amino acids 1-50 of Human PHAP1  
ポジティブ・コントロール	Jurkat cell lysate, Human heart.

### 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 freeze / thaw cycles.
パッファー	Preservative: None Constituents: 2% Sucrose, PBS
精製度	Protein A 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 **ab51013** in the following tested applications.

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

アブリケーション	Abreviews	特記事項
WB		Use a concentration of 1.25 µg/ml. Detects a band of approximately 28 kDa (predicted molecular weight: 28 kDa). Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

IHC-P Use a concentration of 4 - 8 µg/ml.

ELISA 1/312500.  
Titre using peptide based assay 1/312500.

## ターゲット情報

### 機能

Implicated in a number of cellular processes, including proliferation, differentiation, caspase-dependent and caspase-independent apoptosis, suppression of transformation (tumor suppressor), inhibition of protein phosphatase 2A, regulation of mRNA trafficking and stability in association with ELAVL1, and inhibition of acetyltransferases as part of the INHAT (inhibitor of histone acetyltransferases) complex. Plays a role in E4F1-mediated transcriptional repression.

### 組織特異性

Expressed in all tissues tested. Highly expressed in kidney and skeletal muscle, moderate levels of expression in brain, placenta and pancreas, and weakly expressed in lung. Found in all regions of the brain examined (amygdala, caudate nucleus, corpus callosum, hippocampus and thalamus), with highest levels in amygdala.

### 配列類似性

Belongs to the ANP32 family.  
Contains 4 LRR (leucine-rich) repeats.  
Contains 1 LRRCT domain.

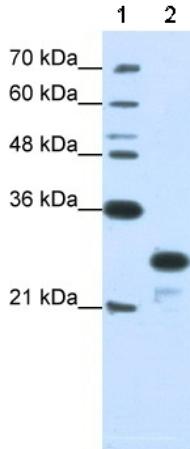
### 翻訳後修飾

Phosphorylated on serine residues.  
The N-terminus is blocked.  
Some glutamate residues are glycylated by TTLL8. This modification occurs exclusively on glutamate residues and results in a glycine chain on the gamma-carboxyl group.

### 細胞内局在

Nucleus. Cytoplasm. Endoplasmic reticulum. Translocates to the cytoplasm during the process of neuritogenesis (By similarity). Shuttles between nucleus and cytoplasm.

## 画像



Western blot - PHAP1 antibody (ab51013)

**Lane 1 :** Marker

**Lane 2 :** Anti-PHAP1 antibody (ab51013) at 1.25 µg/ml

**Lane 1 :** As above

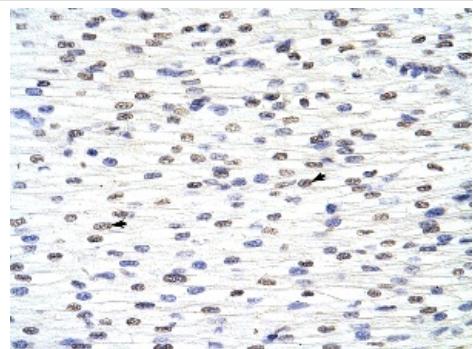
**Lane 2 :** Jurkat cell lysate at 10 µg/ml with skim milk/ PBS at 5 %

#### Secondary

**Lane 2 :** HRP conjugated anti-Rabbit IgG at 1/50000 dilution

**Predicted band size :** 28 kDa

**Observed band size :** 28 kDa



Immunohistochemistry (Paraffin-embedded sections)

- PHAP1 antibody (ab51013)

ab51013 at 4.0 µg/ml staining myocardial cells from human heart; paraffin embedded; magnification 400x.

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

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