

## Product datasheet

# Anti-p73 antibody ab70093

### 画像数 2

#### 製品の概要

製品名	Anti-p73 antibody
製品の詳細	Rabbit polyclonal to p73
由来種	Rabbit
特異性	ab70093 detects endogenous levels of total p73 protein.
アプリケーション	<b>適用あり:</b> WB, ELISA, IHC-P
種交差性	<b>交差種:</b> Human
免疫原	Synthetic peptide derived from an internal sequence of human p73.
ポジティブ・コントロール	WB: Jurkat cell extract IHC-P: Human brain 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 freeze / thaw cycles.
バッファー	Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), 150mM Sodium chloride, pH 7.4
精製度	Immunogen affinity purified
特記事項 (精製)	ab70093 was affinity purified from rabbit antiserum by affinity chromatography using epitope specific immunogen.
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 **ab70093** in the following tested applications.

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

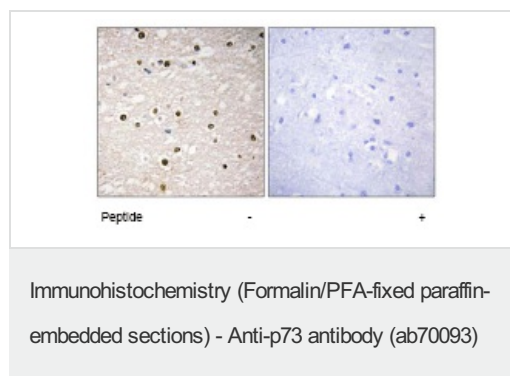
アプリケーション	Abreviews	特記事項
WB		1/500 - 1/1000. Detects a band of approximately 70 kDa (predicted molecular weight: 70 kDa).
ELISA		1/40000.

アプリケーション	Abreviews	特記事項
IHC-P		Use at an assay dependent concentration.

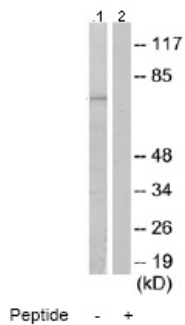
## ターゲット情報

機能	Participates in the apoptotic response to DNA damage. Isoforms containing the transactivation domain are pro-apoptotic, isoforms lacking the domain are anti-apoptotic and block the function of p53 and transactivating p73 isoforms. May be a tumor suppressor protein.
組織特異性	Expressed in striatal neurons of patients with Huntington disease (at protein level). Brain, kidney, placenta, colon, heart, liver, spleen, skeletal muscle, prostate, thymus and pancreas. Highly expressed in fetal tissue.
配列類似性	Belongs to the p53 family. Contains 1 SAM (sterile alpha motif) domain.
ドメイン	Possesses an acidic transactivation domain, a central DNA binding domain and a C-terminal oligomerization domain that binds to the ABL tyrosine kinase SH3 domain. The WW-binding motif mediates interaction with WWOX.
翻訳後修飾	Isoform alpha (but not isoform beta) is sumoylated on Lys-627, which potentiates proteasomal degradation but does not affect transcriptional activity. Higher levels of phosphorylation seen in the brain from patients with Huntington disease. Ubiquitinated; leading to its degradation by the proteasome.
細胞内局在	Nucleus. Accumulates in the nucleus in response to DNA damage.

## 画像



ab70093, at 1/50 dilution, staining p73 in paraffin embedded human brain tissue by Immunohistochemistry in the absence or presence of the immunising peptide.



Western blot - Anti-p73 antibody (ab70093)

**All lanes :** Anti-p73 antibody (ab70093) at 1/500 dilution

**Lane 1 :** Jurkat cell extract

**Lane 2 :** Jurkat cell extract with immunising peptide at 5 µg

Lysates/proteins at 5 µg per lane.

**Predicted band size:** 70 kDa

**Observed band size:** 70 kDa

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

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