

## Product datasheet

# Anti-SHP1 (phospho Y564) antibody ab79294

### 画像数 1

#### 製品の概要

製品名	Anti-SHP1 (phospho Y564) antibody
製品の詳細	Rabbit polyclonal to SHP1 (phospho Y564)
特異性	ab79294 detects endogenous levels of SHP1 only when phosphorylated at tyrosine 564.
アプリケーション	<b>適用あり:</b> WB, ELISA
種交差性	<b>交差種:</b> Human
免疫原	Synthetic phosphopeptide derived from human SHP1 around the phosphorylation site of tyrosine 564 (DVY <sup>P</sup> EN).
ポジティブ・コントロール	Extracts from COS7 cells, treated with EGF (200ng/ml, 30mins)

#### 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)	ab79294 is purified from rabbit antiserum by chromatography using an epitope specific phosphopeptide. The antibody against non phosphopeptide was removed by chromatography using non phosphopeptide corresponding to the phosphorylation site.
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 **ab79294** in the following tested applications.

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

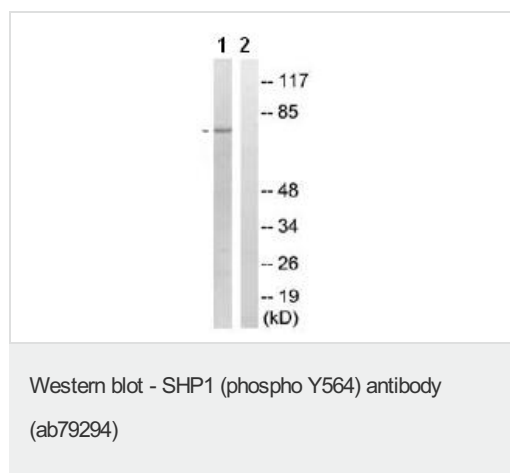
アプリケーション	Abreviews	特記事項
WB		1/500 - 1/1000. Predicted molecular weight: 68 kDa.

アプリケーション	Abreviews	特記事項
ELISA		1/10000.

## ターゲット情報

<b>機能</b>	Plays a key role in hematopoiesis. This PTPase activity may directly link growth factor receptors and other signaling proteins through protein-tyrosine phosphorylation. The SH2 regions may interact with other cellular components to modulate its own phosphatase activity against interacting substrates. Together with MTUS1, induces UBE2V2 expression upon angiotensin II stimulation.
<b>組織特異性</b>	Isoform 1 is expressed in hematopoietic cells. Isoform 2 is expressed in non-hematopoietic cells.
<b>配列類似性</b>	Belongs to the protein-tyrosine phosphatase family. Non-receptor class 2 subfamily. Contains 2 SH2 domains. Contains 1 tyrosine-protein phosphatase domain.
<b>翻訳後修飾</b>	Phosphorylated on serine and tyrosine residues.
<b>細胞内局在</b>	Cytoplasm. Nucleus. In neurons, translocates into the nucleus after treatment with angiotensin II.

## 画像



**All lanes :** Anti-SHP1 (phospho Y564) antibody (ab79294) at 1/1000 dilution

**Lane 1 :** extracts from COS7 cells, treated with EGF (200 ng/ml, 30 mins)

**Lane 2 :** extracts from COS7 cells, treated with EGF (200 ng/ml, 30 mins) with immunising peptide at 10 µg

Lysates/proteins at 30 µg per lane.

**Predicted band size :** 68 kDa

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

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