

## Product datasheet

# Anti-SHP1 (phospho Y564) antibody ab79294

### 画像数 1

#### 製品の概要

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|              |   |
|--------------|---|
| 製品名          | Anti-SHP1 (phospho Y564) antibody   |
| 製品の詳細        | Rabbit polyclonal to SHP1 (phospho Y564)  |
| 由来種          | Rabbit  |
| 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

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|-----------|---|
| 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<br>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

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Our [Abpromise guarantee](#) covers the use of **ab79294** in the following tested applications.

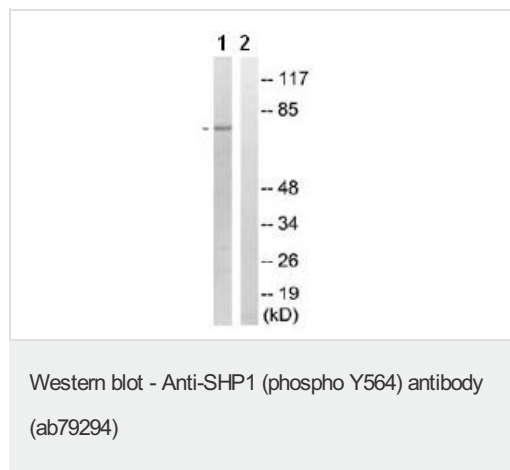
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| アプリケーション | Abreviews | 特記事項  |
|----------|-----------|---|
| WB       |           | 1/500 - 1/1000. Predicted molecular weight: 68 kDa. |
| ELISA    |           | 1/10000.  |

## ターゲット情報

|       |   |
|-------|---|
| 機能    | 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. |
| 組織特異性 | Isoform 1 is expressed in hematopoietic cells. Isoform 2 is expressed in non-hematopoietic cells.   |
| 配列類似性 | Belongs to the protein-tyrosine phosphatase family. Non-receptor class 2 subfamily. Contains 2 SH2 domains.<br>Contains 1 tyrosine-protein phosphatase domain.  |
| 翻訳後修飾 | Phosphorylated on serine and tyrosine residues.   |
| 細胞内局在 | 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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