

## Product datasheet

# Anti-STIM2 antibody ab112963

### 画像数 1

#### 製品の概要

製品名	Anti-STIM2 antibody
製品の詳細	Rabbit polyclonal to STIM2
由来種	Rabbit
アプリケーション	適用あり: WB
種交差性	交差種: Human
免疫原	Synthetic peptide conjugated to KLH, corresponding to a region within N terminal amino acids 97-127 of Human STIM2 (NP_001162589.1, NP_065911.3, NP_001162588.1).
ポジティブ・コントロール	UM cell line lysates.

#### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at 4°C (up to 6 months). Store at -20°C long term.
バッファー	Preservative: 0.09% Sodium azide Constituent: 99% PBS
精製度	Immunogen affinity purified
特記事項 (精製)	ab112963 is purified through a protein A column, followed by peptide affinity purification.
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 **ab112963** in the following tested applications.

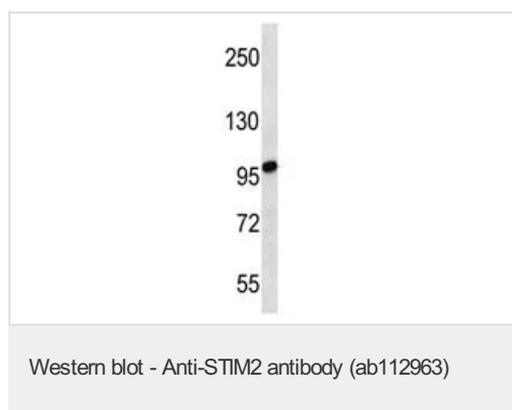
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB		1/100 - 1/500. Predicted molecular weight: 84 kDa.

#### ターゲット情報

<b>機能</b>	Functions as a highly sensitive Ca(2+) sensor in the endoplasmic reticulum which activates both store-operated and store-independent Ca(2+)-influx. Regulates basal cytosolic and endoplasmic reticulum Ca(2+) concentrations. Upon mild variations of the endoplasmic reticulum Ca(2+) concentration, translocates from the endoplasmic reticulum to the plasma membrane where it probably activates the Ca(2+) release-activated Ca(2+) (CRAC) channels ORAI1, ORAI2 and ORAI3. May inhibit STIM1-mediated Ca(2+) influx.
<b>組織特異性</b>	Expressed in all tissues and tumor cell lines examined.
<b>配列類似性</b>	Contains 1 EF-hand domain. Contains 1 SAM (sterile alpha motif) domain.
<b>翻訳後修飾</b>	Glycosylated. Phosphorylated predominantly on Ser residues.
<b>細胞内局在</b>	Endoplasmic reticulum membrane. Dynamically translocates from a uniform endoplasmic reticulum distribution to punctual endoplasmic reticulum-plasma membrane junctions in response to decrease in endoplasmic reticulum Ca(2+) concentration.

## 画像



Anti-STIM2 antibody (ab112963) at 1/100 dilution + UM cell line lysate at 35 µg

**Predicted band size:** 84 kDa

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

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