

## Product datasheet

# SWAP70 overexpression 293T lysate (whole cell) ab94234

[2 Images](#)

### Overview

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<b>Product name</b>	SWAP70 overexpression 293T lysate (whole cell)
<b>General notes</b>	ab94234 is a 293T cell transfected lysate in which Human SWAP70 has been transiently overexpressed using a pCMV-SWAP70 plasmid. The lysate is provided in 1X Sample Buffer.
<b>Tested applications</b>	<b>Suitable for:</b> WB

### Properties

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<b>Mycoplasma free</b>	Yes
<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped on dry ice. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	Constituents: 0.01% Bromophenol blue, 2.3% Beta mercaptoethanol, 2% Sodium lauryl sulfate, 0.788% Tris HCl, 10% Glycerol (glycerin, glycerine)
<b>Background</b>	Function: Phosphatidylinositol 3,4,5-trisphosphate-dependent guanine nucleotide exchange factor (GEF) which, independently of RAS, transduces signals from tyrosine kinase receptors to RAC. It also mediates signaling of membrane ruffling. Regulates the actin cytoskeleton as an effector or adapter protein in response to agonist stimulated phosphatidylinositol (3,4)-bisphosphate production and cell protrusion. Tissue specificity: Expressed only in mature B-cells including those associated with mucosa-associated tissue and bronchus-associated tissue (PubMed:10681448). Widely expressed. Abundant in spleen, and fairly abundant in kidney, lung and liver. Also found in monocytes and macrophages (PubMed:12925760). Similarity: Contains 1 PH domain. Domain: The PH domain is essential for phosphatidylinositol 3,4,5-trisphosphate binding. PTM: Tyrosine-phosphorylated.

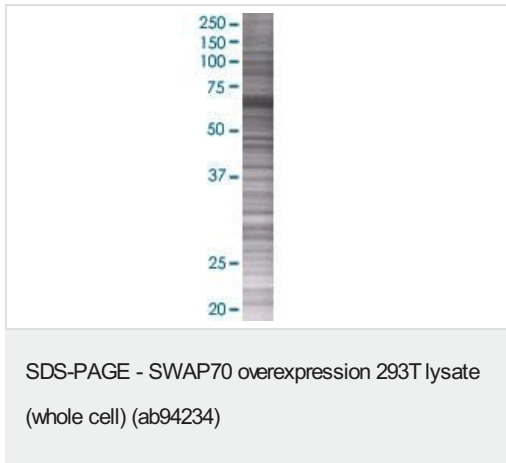
### Applications

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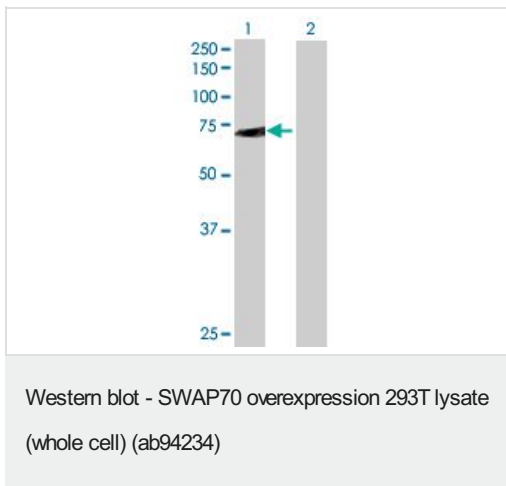
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab94234 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent dilution.

## Images



ab94234 at 15µg/lane on an SDS-PAGE gel.



**All lanes** : Anti-SWAP70 antibody (**ab89532**) at 1/500 dilution

**Lane 1** : SWAP70 overexpression 293T lysate (whole cell) (ab94234)

**Lane 2** : 293T Non Transfected Lysate

Lysates/proteins at 25 µg per lane.

### Secondary

**All lanes** : Goat anti-mouse IgG (H and L) HRP conjugated at 1/2500 dilution

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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