

Product datasheet

Calpastatin overexpression 293T lysate (whole cell)  
ab94277

2 Images

Overview

<b>Product name</b>	Calpastatin overexpression 293T lysate (whole cell)
<b>General notes</b>	ab94277 is a 293T cell transfected lysate in which Human Calpastatin has been transiently over-expressed using a pCMV-Calpastatin plasmid. The lysate is provided in 1X Sample Buffer. <b>Note:</b> For more details about how the transfected lysate was prepared <a href="#">view preparation notes</a>
<b>Tested applications</b>	<b>Suitable for:</b> WB

Properties

<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>	pH: 6.80 Constituent: 100% 1x Sample Buffer
<b>Purity</b>	Whole Cell Lysate
<b>Background</b>	Function: Specific inhibition of calpain (calcium-dependent cysteine protease). Plays a key role in postmortem tenderization of meat and have been proposed to be involved in muscle protein degradation in living tissue. Similarity: Belongs to the protease inhibitor I27 (calpastatin) family. Domain: Has four inhibitory domains. PTM: The N-terminus is blocked.

Applications

Our [Abpromise guarantee](#) covers the use of **ab94277** in the following tested applications.

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

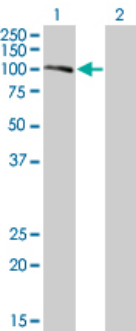
Application	Abreviews	Notes
WB		Use at an assay dependent dilution.

Images



ab94277 at 15µg/lane on an SDS-PAGE gel.

SDS-PAGE - Calpastatin 293T Transfected Lysate -  
(positive control) (ab94277)



**All lanes :** Anti-Calpastatin antibody  
(ab88065) at 1/500 dilution

**Lane 1 :** Calpastatin overexpression 293T  
lysate (whole cell) (ab94277)

**Lane 2 :** 293T non-transfected lysate

Lysates/proteins at 25 µg per lane.

Western blot - Calpastatin 293T Transfected Lysate  
- (positive control) (ab94277)

**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 AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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