

Product datasheet

Anti-htrA antibody ab65481

1 Image

Overview

<b>Product name</b>	Anti-htrA antibody
<b>Description</b>	Rabbit polyclonal to htrA
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Synechocystis sp
<b>Immunogen</b>	Synthetic peptide: QMPPMPNERVQRGT , corresponding to amino acids 159-172 of Synechocystis sp. PCC 6803 htrA <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
<b>Positive control</b>	Synechocystis sp. PCC 6803 membrane proteins.

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: 0.01% Sodium Azide Constituents: Whole serum
<b>Purity</b>	Whole antiserum
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab65481** 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		1/2000. Detects a band of approximately 47 kDa (predicted molecular weight: 48 kDa).

## Target

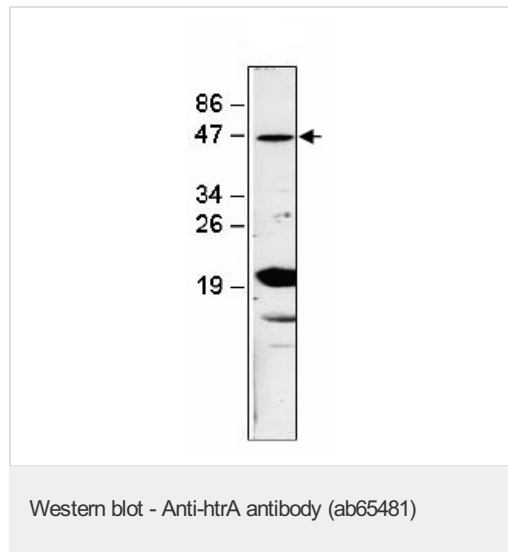
### Relevance

htrA belongs to a serine type Deg peptidase family, widespread among bacteria and eukaryotes. This family includes three related members htrA (DegP), HhoA (DegQ) and HhoB (DegS). htrA is a highly hydrophilic protein and probably resides in a soluble compartment. The functions of htrA in cyanobacteria are not studied yet, however, in *E. coli*, htrA is a heat stress protein that functions in a homohexameric state in the periplasm.

### Cellular localization

Periplasm

## Images



Anti-htrA antibody (ab65481) at 1/2000 dilution + *Synechocystis* sp. PCC 6803 membrane proteins at 3  $\mu$ g

### Secondary

anti-rabbit at 1/30000 dilution

Developed using the ECL technique.

**Predicted band size:** 48 kDa

**Observed band size:** 47 kDa

**Additional bands at:** 20 kDa. We are unsure as to the identity of these extra bands.

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