

Product datasheet

Anti-htrA antibody ab65481

1 Image

Overview

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

Properties

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

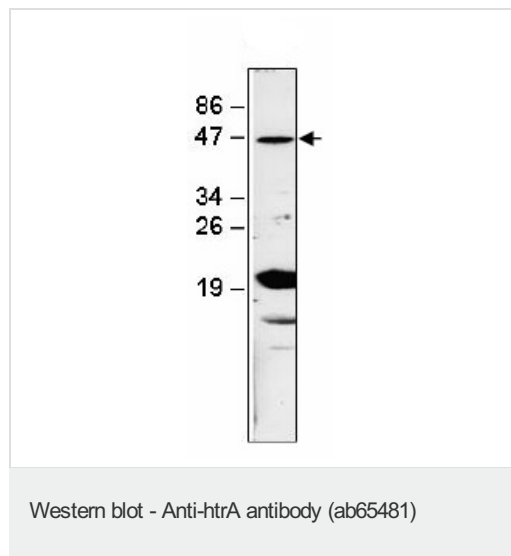
Relevance

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 μ 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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