

Product datasheet

Anti-HSP17.7 antibody ab80171

Overview

Product name	Anti-HSP17.7 antibody
Description	Rabbit polyclonal to HSP17.7
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Arabidopsis thaliana
Immunogen	Full length recombinant HSP17.7 produced in <i>E.coli</i> and purified by conventional methods (no affinity tag)
Positive control	Heat shocked (38° C for 2 hours) <i>Arabidopsis thaliana</i> lysate.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	Preservative: None Constituents: Whole serum
Purity	Whole antiserum
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab80171** 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

Application notes	WB: 1/1000 (or 1 µl per 15 µg of heat shocked <i>Arabidopsis thaliana</i> lysate) with ECL. Goat anti rabbit IgG:HRP was used as the secondary antibody. Predicted molecular weight: 18 kDa.
--------------------------	--

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target

Relevance

HSP17.7 belongs to the class II family of small heat shock proteins which are induced when plant cells are stressed by increased temperature. Small heat shock proteins appear to be involved in chaperone functions by protecting other proteins from irreversible denaturation. They are also produced late in the seed maturation process.

Cellular localization

Cytoplasm.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <http://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors