DATASHEET

HSP70-3/Heat shock 70 kDa protein 3 Rabbit Polyclonal Antibody

CAT. NO. AXA1347

KEY FEATURES

Target	HSP70-3/Heat shock 70 kDa protein 3	**Source / Host**	Rabbit
Reactivity	Arabidopsis thaliana, Rice	**Clonality**	Polyclonal
Applications	WB	**Storage**	at -20°C

BACKGROUND

HSP70-3 belongs to the heat shock protein 70 family of molecular chaperones in Arabidopsis thaliana. Hsp70 proteins bind unfolded or partially folded polypeptides in an ATP-dependent manner, preventing aggregation and assisting protein folding, membrane translocation and the degradation of damaged proteins.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:1000 - 1:5000

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

OVERVIEW

Description	Rabbit polyclonal antibody to HSP70-3/Heat shock 70 kDa protein 3 for WB.
Specificity	Recognizes endogenous levels of HSP70-3/Heat shock 70 kDa protein 3 protein
Antibody Type	Primary antibody
Immunogen	Recombinant part protein of Arabidopsis thaliana AT3G09440, O65719.
Molecular Weight	Predicted: 71 kDa
Purification	Whole antiserum
Form/Buffer	Liquid with 50% glycerol.
Alternative Names	HEAT SHOCK PROTEIN 70-3, HSP70-3
Gene Symbol	AT3G09440

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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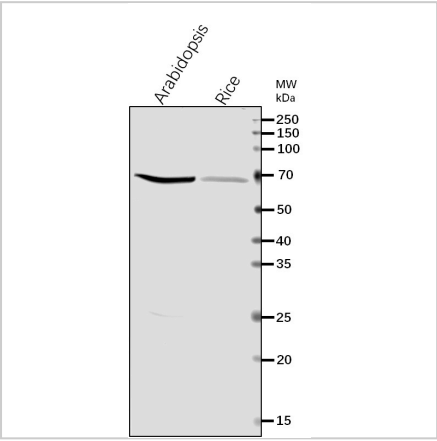
DATA



Western blot analysis of total protein from Arabidopsis thaliana and Rice leaves (approximately 3 µg). Samples were separated by 12% SDS-PAGE. Proteins were transferred to a nitrocellulose membrane at 10 V overnight. The membrane was blocked with 5% skim milk for 1 h at room temperature and incubated with the antibody at a 1:5,000 dilution for 1 h at room temperature.

STORAGE

Store at -20°C. Avoid repeated freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: www.arexbio.com