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## Product Datasheet

### Anti-HSP70 | Heat shock protein 70 (cytoplasmic), Rabbit, Polyclonal AGR-AS08-371

Article Name	Anti-HSP70   Heat shock protein 70 (cytoplasmic), Rabbit, Polyclonal
Biozol Catalog Number	AGR-AS08-371
Supplier Catalog Number	AS08-371
Alternative Catalog Number	AGR-AS08-371
Manufacturer	Agrisera
Host	Rabbit
Category	Antikörper
Application	IP, WB
Species Reactivity	A. thaliana, Bacteria, Plant
Immunogen	KLH-conjugated synthetic peptide conserved in known higher plant HSC70 proteins including three isoforms of Arabidopsis thaliana HSC70-1 UniProt: F4KCE5 , HSC70-2 UniProt: A0A178UTH3 and HSC70-3 Uniprot: O65719 as well as heat shock inducible Hsp70 of Arabidopsis thaliana TAIR: AT3g12580/T2E22_110 and At1g16030 and AT3g12580/T2E22_110
Product Description	Heat-shock protein 70 (Hsp70) is the major stress-inducible protein in vertebrates and is highly conserved throughout evolution. It plays a role as a molecular chaperone and is important for allowing cells to cope with acute stressor insult, especial...
Clonality	Polyclonal
Molecular Weight	70 kDa
NCBI	<a href="#">820438</a>

UniProt	<a href="#">Q9LHA8</a>
Purity	Serum
Form	Lyophilized
Antibody Type	Polyclonal Antibody
Application Dilute	1 : 3000 - 1: 10 000, 5 µg protein/well (WB), 2-3 µl/protein extract of concentration 3-5 mg/ml
Application Notes	Can be sold containing 0.1% ProClin if requested This antibody can be used as a marker of cytoplasmic fraction in tomato (Anfoka et al. 2015).Applied primary antibody dilution in western blot depends upon sensitivity of detection reagents (pico or femtogram for chemiluminescent detection).Immunoprecipitation protocol using Agrisera anti-Hsp70 cytosolic antibodies, see tab: protocols.