

Ab1-hspb1

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Antibody Name:	Ab1-hspb1 from the ZFIN antibody database.
Other names, clone ids, catalog ids etc.	αHsp27 , anti-hsp27 , anti-hspb1 , hspb1
Does it work on zebrafish?	yes
Host organism	
Immunogen organism	Zebrafish
Antibody isotype	
Antibody type	polyclonal
Anatomical structures recognized (use terms from the ZFIN Anatomical Ontology)	adductor mandibulae; brain; fast muscle cell; gut; head; head muscle; heart; interhyoideus; lens; medial rectus; muscle cell; myocardium; myotome; palatoquadrate cartilage; skeletal muscle; slow muscle cell; smooth muscle; testis; whole organism
Recognized target molecules (gene names, domains, epitopes ...)	<i>hspb1</i>
Suppliers	

Assays Tested

Assay	Prep	Worked	Notes
immunohistochemistry		yes	from ZFIN curation
western blot		yes	from ZFIN curation

Notes

- Imported from ZFIN Antibody page [Ab1-hspb1](#)
- DNA coding for zebrafish Hsp27 was cloned into the prokaryotic vector pET45b and expressed in Escherichia coli, strain BL21. The 6-His-tagged fusion protein was purified using Talon metal affinity resin and used to generate polyclonal Hsp27 antiserum (αHsp27) (Tucker, N.R., Ustyugov, A., Bryantsev, A.L., Konkel, M.E., and Shelden, E.A.)
- Citations for Ab1-hspb1 at ZFIN