

Rabbit anti-Zebrafish hsp90a.1 Polyclonal Antibody | anti-hsp90a.1 antibody

hsp90a.1 Antibody (Center)

CATALOG # AAA289459	HOST Rabbit	REACTIVITY Zebrafish	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

hsp90a.1; Polyclonal Antibody; hsp90a.1 Antibody (Center); Heat shock protein HSP 90-alpha 1; hsp90a1; hsp90; hsp90a; hsp90aa1; anti-hsp90a.1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Zebrafish
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This hsp90a.1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 229-263 amino acids from the Central region of human (DANRE) hsp90a.1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Length	725
Applicable Applications for anti-hsp90a.1 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysate from zebra fish heart tissue lysate, using (DANRE) hsp90a. 1 Antibody (Center). AAA289459 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Z. skeletal muscle section using hsp90a. 1 Antibody (Center). AAA289459 was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.

ADDITIONAL INFORMATION

Related Product Information for anti-hsp90a.1 antibody	Molecular chaperone that promotes the maturation, structural maintenance and proper regulation of specific target proteins involved for instance in cell cycle control and signal transduction. Undergoes a functional cycle that is linked to its ATPase activity. This cycle probably induces conformational changes in the client proteins, thereby causing their activation. Interacts dynamically with various co-chaperones that modulate its substrate recognition, ATPase cycle and chaperone function (By similarity). Plays a key role in slow and fast muscle development in the embryo. Plays a role in myosin expression and assembly.
Product Categories/Family for anti-hsp90a.1 antibody	Crown Antibodies; Signal Transduction
References	Lele Z.,et al.Dev. Biol. 210:56-70(1999). Etard C.,et al.Dev. Biol. 308:133-143(2007). Etard C.,et al.J. Cell Biol. 180:1163-1175(2008). Howe K.,et al.Nature 496:498-503(2013). Krone P.H.,et al.Biochem. Biophys. Res. Commun. 204:746-752(1994).

NCBI AND UNIPROT INFORMATION

NCBI GI #	18858873
NCBI GeneID	30591
NCBI Accession #	NP_571403.1
NCBI GenBank Nucleotide #	NM_131328.1
UniProt Accession #	Q90474; Q5RG13; Q6DI33
Molecular Weight	83319
NCBI Official Full Name	heat shock protein HSP 90-alpha 1
NCBI Official Synonym Full Names	heat shock protein 90, alpha (cytosolic), class A member 1, tandem duplicate 1
NCBI Official Symbol	hsp90aa1.1
NCBI Official Synonym Symbols	hsp90; hsp90a; fb17b01; hsp90a.1; zgc:86652; hsp90alpha; wu:fb17b01
NCBI Protein Information	heat shock protein HSP 90-alpha 1
UniProt Protein Name	Heat shock protein HSP 90-alpha 1
UniProt Gene Name	hsp90a.1
UniProt Synonym Gene Names	hsp90; hsp90a; hsp90aa1
UniProt Entry Name	H90A1_DANRE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hsp90a1-antibody-western-blot-immunohistochemistry-elisa/289459>