



## **Anti-HSPX (heat shock protein hspX) Polyclonal Antibody**

**Category:** Polyclonal Antibody

**Catalog #:** AB4B242

**Species Reactivity:** Bacteria Mycobacterium tuberculosis.

### **Immunogen/Specificity:**

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to N-terminal residues of Bacteria Mycobacterium tuberculosis HSPX (heat shock protein hspX)

**Description:** HSPX (heat shock protein hspX) functions as stress protein induced by anoxia. hspX has a proposed role in maintenance of long-term viability during latent, asymptomatic infections, and a proposed role in replication during initial infection. regulated by the two component regulatory system devr|rv3133c/devs|rv3132c, in response to a hypoxic signal. The hspX contains a ACD\_sHsps-like domain. Alpha-crystallin domain (ACD) of alpha-crystallin- type small(s) heat shock proteins (Hsps). sHsps are small stress induced proteins with monomeric masses between 12 -43 kDa, whose common feature is the Alpha-crystallin domain (ACD).

### **Reference:**

Camus,J.C., et al, Microbiology (Reading, Engl.) 148 (PT 10), 2967-2973 (2002)  
Cole,S.T., et al, Nature 393 (6685), 537-544 (1998)  
Garnier,T., et al, Proc. Natl. Acad. Sci. U.S.A. 100 (13), 7877-7882 (2003)

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