

Product Datasheet

HSP60 Antibody - BSA Free

NBP2-12734-100ug

Unit Size: 100 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-12734-100ug

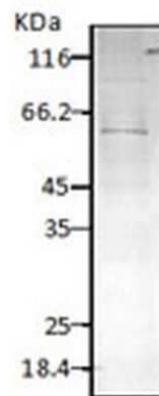
HSP60 Antibody - BSA Free

Product Information	
Unit Size	100 ug
Concentration	1.83 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.4), 50% Glycerol
Product Description	
Host	Rabbit
Gene ID	3329
Gene Symbol	HSPD1
Species	Human, Bacteria, P. falciparum
Marker	Mitochondria Marker
Specificity/Sensitivity	Detects approx 60kDa. Cross-reacts with E.coli HSP60, GroEI.
Immunogen	Recombinant full length PfHSP60
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:10-1:2000
Application Notes	0.9 ug/ml of HSP60 (P. falciparum) Antibody was sufficient for detection of PfHSP60 in 20 ug of P. falciparum lysate by colorimetric immunoblot analysis using Goat anti-rabbit IgG:HRP as the secondary Antibody.

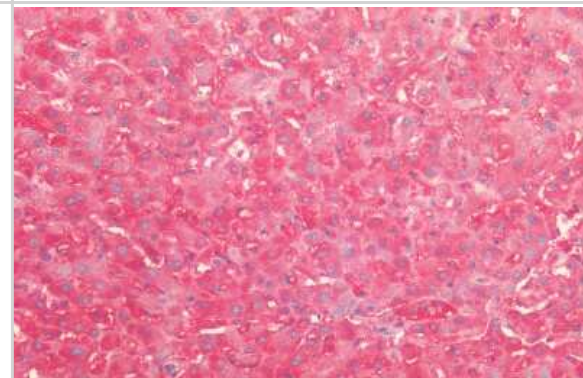


Images

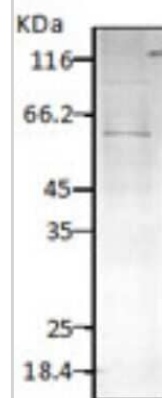
Western Blot: HSP60 Antibody [NBP2-12734] - Western blot analysis of Parasite Lysates showing detection of HSP60 protein using Rabbit Anti-HSP60 Polyclonal Antibody (NBP2-12734). Primary Antibody: Rabbit Anti-HSP60 Polyclonal Antibody (NBP2-12734) at 1:1000.



Immunohistochemistry: HSP60 Antibody [NBP2-12734] - Immunohistochemistry analysis using Rabbit Anti-HSP60 Polyclonal Antibody (NBP2-12734). Tissue: Liver. Species: Human. Fixation: Formalin fixed paraffin-embedded. Primary Antibody: Rabbit Anti-HSP60 Polyclonal Antibody (NBP2-12734).



Western Blot: HSP60 Antibody [NBP2-12734] - Analysis of Parasite Lysates showing detection of HSP60 protein using Rabbit Anti-HSP60 Polyclonal Antibody . Primary Antibody: Rabbit Anti-HSP60 Polyclonal Antibody at 1:1000.



Publications

Espino-Sanchez T, Wienkers H, Marvin R et al. Direct Tests of Cytochrome Function in the Electron Transport Chain of Malaria Parasites bioRxiv 2023-01-24 [PMID: 37126705]

Falekun S Elucidating the Essential Functions of Acyl Carrier Proteins in Human Malaria Parasites Thesis 2022-01-01

Falekun S, Sepulveda J, Jami-Alahmadi Y Et al. Divergent acyl carrier protein decouples mitochondrial Fe-S cluster biogenesis from fatty acid synthesis in malaria parasites eLife 2021-10-06 [PMID: 34612205] (ICC/IF, WB, P. falciparum)



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Products Related to NBP2-12734-100ug

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-77396PEP	HSP60 Antibody Blocking Peptide

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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