

# Product Datasheet

## HSP60 Antibody - BSA Free

### NBP3-05536-100ul

Unit Size: 100 ul

Store at 4C.

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**NBP3-05536-100ul**

HSP60 Antibody - BSA Free

Product Information	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgY
<b>Purity</b>	IgY purified
<b>Buffer</b>	Supplied as a concentrated total IgY preparation from egg yolk, dialyzed against PBS with added preservative.
<b>Target Molecular Weight</b>	60 kDa

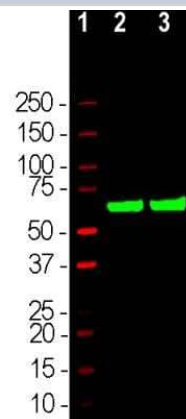
Product Description	
<b>Description</b>	<p>This antibody is supplied as a concentrated total IgY preparation derived from egg yolk. Production involves an initial organic extraction to remove lipids and lipoproteins, followed by salt fractionation of the aqueous phase to precipitate and enrich the IgY fraction. The material is then extensively dialyzed against PBS, and preservative is added during final formulation.</p> <p>Please note that the exact concentration of target-specific IgY cannot be determined, as the final preparation contains both antigen-specific IgY and non-immune IgY.</p>
<b>Host</b>	Chicken
<b>Gene ID</b>	3329
<b>Gene Symbol</b>	HSPD1
<b>Species</b>	Human, Mouse, Rat, Porcine, Bovine, Canine, Equine, Monkey
<b>Immunogen</b>	Recombinant full length human HSP60 expressed in and purified from E. coli
<b>Notes</b>	Chicken products cannot be exported to Canada.

Product Application Details	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:10000-1:20000, Immunohistochemistry 1: 2000-1:5000, Immunocytochemistry/ Immunofluorescence 1:2000-1:5000

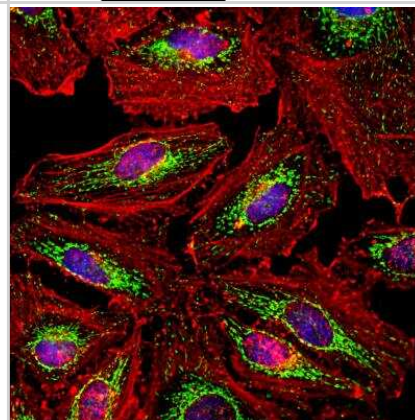


## Images

Western Blot: HSP60 Antibody [NBP3-05536] - Western blot analysis of different cell lysates using HSP60 Antibody at a dilution of 1:20,000, in green. [1] protein standard (red), [2] SH-SY5Y cells, [3] HeLa cells. The strong single strong band corresponds to the HSP60 protein with an apparent SDS-PAGE molecular weight of 60kDa.



Immunocytochemistry/Immunofluorescence: HSP60 Antibody [NBP3-05536] - Immunofluorescent analysis of HeLa cells stained with HSP60 Antibody at a dilution of 1:5,000 in green and costained with mouse mAb to actin at a dilution of 1:500 in red. Blue is DAPI staining of nuclear DNA. The HSP60 antibody produces strong and specific staining of mitochondria, while the actin antibody labels the submembranous cytoskeleton, stress fibers and bundles of actin associated with cell adhesion sites.





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### **Products Related to NBP3-05536-100ul**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
BAF010	Goat anti-Chicken IgY Secondary Antibody [Biotin]
NB7276	Goat anti-Chicken IgM Heavy Chain Secondary Antibody
NBP1-77397PEP	HSP60 Antibody Blocking Peptide

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### **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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