

Product datasheet for **TA324747S**

Hsp60 (HSPD1) Rabbit Polyclonal Antibody

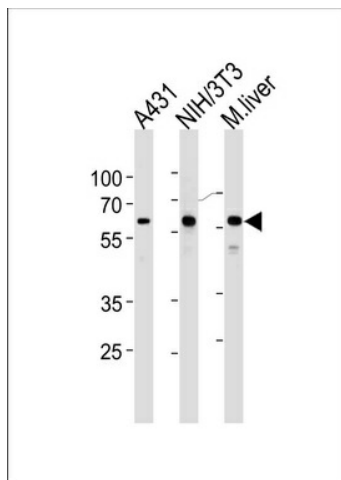
Product data:

Product Type:	Primary Antibodies
Applications:	FC, IHC, WB
Recommended Dilution:	WB: 1:1000, IHC: 1:50~100, FC: 1:10~50
Reactivity:	Human, Mouse (Predicted: Rat, Bovine, Chicken, Hamster)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	This HSPD1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 396-423 amino acids from the C-terminal region of human HSPD1.
Formulation:	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Concentration:	lot specific
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	61055 Da
Gene Name:	heat shock protein family D (Hsp60) member 1
Database Link:	NP_002147 Entrez Gene 15510 Mouse Entrez Gene 63868 Rat Entrez Gene 3329 Human P10809
Synonyms:	CPN60; GROEL; HLD4; HSP-60; HSP60; HSP65; HuCHA60; SPG13
Protein Families:	Druggable Genome, Stem cell - Pluripotency
Protein Pathways:	RNA degradation, Type I diabetes mellitus

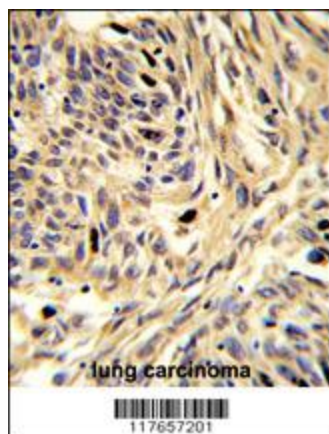


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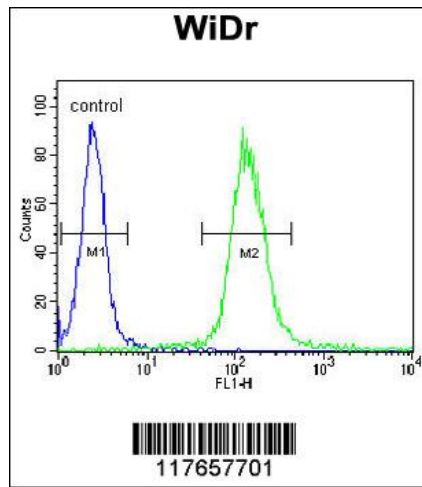
Product images:



HSPD1 Antibody (C-term) (Cat. #[TA324747]) western blot analysis in A431, mouse NIH/3T3 cell line and mouse liver tissue lysates (35ug/lane). This demonstrates the HSPD1 antibody detected the HSPD1 protein (arrow).



Formalin-fixed and paraffin-embedded human lung carcinoma reacted with HSPD1 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



HSPD1 Antibody (C-term) (Cat. #[TA324747]) flow cytometric analysis of WiDr cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.