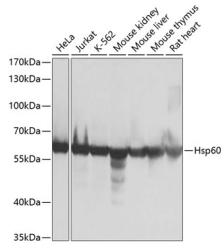


Hsp60 Polyclonal Antibody

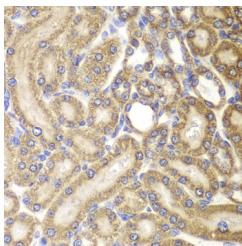
Catalog No.	E-AB-60115	Reactivity	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC,IF	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

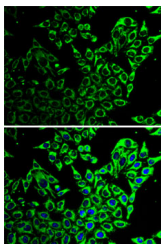
Images



Western blot analysis of extracts of various cell lines using Hsp60 Polyclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Rat kidney using Hsp60 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunofluorescence analysis of HeLa cells using Hsp60 Polyclonal Antibody

Immunogen Information

Immunogen	Recombinant fusion protein of human Hsp60 (NP_002147.2).
GeneID	3329
Swissprot	P10809
Synonyms	HSPD1,CPN60,GROEL,HLD4,HSP-60,HSP60,HSP65,HuCHA60,SPG13,Hsp60

Product Information

Calculated MW	17kDa/61kDa
Observed MW	61kDa
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purify	Affinity purification
Dilution	WB 1:500-1:2000 IHC 1:50-1:200 IF 1:50-1:100

Background

This gene encodes a member of the chaperonin family. The encoded mitochondrial protein may function as a signaling molecule in the innate immune system. This protein is essential for the folding and assembly of newly imported proteins in the mitochondria. This gene is adjacent to a related family member and the region between the 2 genes functions as a bidirectional promoter. Several pseudogenes have been associated with this gene. Two transcript variants encoding the same protein have been identified for this gene. Mutations associated with this gene cause autosomal recessive spastic paraplegia 13.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.