HSPD1

Reactivity:Human Mouse Rat

## Tested applications:WB IHC IF

Recommended Dilution:WB1:500-1:2000 IHC1:50-1:200 IF1:50-1:200
Calculated MW:61kDa
Observed MW:Refer to Figures
Immunogen:
Recombinant protein of human HSPD1

## Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with $0.02 \%$ sodium azide, $50 \%$ glycerol, pH7.3.
Concentration:
bhj
Synonym:
HSPD1;CPN60;GROEL;HLD4;HSP60;HSP65;HuCHA60;SPG13 ;

## Background:

In both prokaryotic and eukaryotic cells the misfolding and aggregation of proteins during biogenesis and under conditions of cellular stress are prevented by molecular chaperones (1-3). HSP60 has primarily been known as a mitochondrial protein that is important for folding key proteins after import into the mitochondria (4). It is now clear that a significant amount of HSP60 is also present in the cytosol of many cells and that it is induced by stress, inflammatory and immune responses, autoantibodies correlated with Alzheimer's, coronary artery diseases, MS, and diabetes (5-8).

To place an order, please Click HERE.

Catalog \#:A0969
Antibody Type:
Polyclonal Antibody
Species:Rabbit
Gene ID:3329
Isotype:IgG
Swiss Prot:P10809
Purity:Affinity purification

For research use only.

