

## HSPD1

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC IF

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 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 ;

**Catalog #:** A0969

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 3329

**Isotype:** IgG

**Swiss Prot:** P10809

**Purity:** Affinity purification

For research use only.

**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](#).**