

## HSPD1

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC FC

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:100 FC 1:20 - 1:50

**Calculated MW:** 61kDa

**Observed MW:** Refer to Figures

**Immunogen:**

A synthetic peptide of human HSPD1

**Storage Buffer:**

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

bhj

**Synonym:**

HLD4; CPN60; GROEL; HSP60; HSP65; SPG13; HSP-60; HuCHA60;

**Catalog #:** A0045

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 3329

**Isotype:** IgG

**Swiss Prot:** P10809

**Purity:** Affinity purification

For research use only.

**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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