

HSPD1

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 60 kDa

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.

Synonym:

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

Catalog #: A10906

Antibody Type:

Monoclonal 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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