

HSP60 Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP04259

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen Recombinant Protein of HSP60

Mol wt 44868

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application WB, IHC-p

Concentration 1 mg/ml

Full name HSP60 Antibody

Synonyms HSPD1; HSP60; 60 kDa heat shock protein, mitochondrial; 60 kDa chaperonin; Chaperonin 60; CPN60;

Heat shock protein 60; HSP-60; Hsp60; HuCHA60; Mitochondrial matrix protein P1; P60 lymphocyte

protein

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

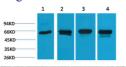
DNAJA1 encodes a member of the DnaJ family of proteins, which act as heat shock protein 70 cochaperones. Heat shock proteins facilitate protein folding, trafficking, prevention of aggregation, and proteolytic degradation. Members of this family are characterized by a highly conserved N-terminal J domain, a glycine/phenylalanine-rich region, four CxxCxGxG zinc finger repeats, and a C-terminal substrate-binding domain. The J domain mediates the interaction with heat shock protein 70 to recruit substrates and regulate ATP hydrolysis activity. In humans, this gene has been implicated in positive regulation of virus replication through co-option by the influenza A virus. Several pseudogenes of this gene are found on other chromosomes.

Recommended Dilution

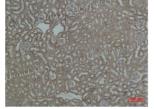
WB: 1: 1000 - 2000 IHC: 1: 200 - 500

Not yet tested in other applications.

Images



Western blot analysis of 1) Hela, 2) 3T3, 3) Mouse Brain, 4) Rat Brain using HSP60 Polyclonal Antibody. Secondary antibody was diluted at 1:20000



 $Immun ohistochemical\ analysis\ of\ paraffin-embedded\ Mouse\ Kidney\ Tissue\ using\ HSP60\ Polyclonal\ Antibody.$

Storage

-20°C for one year

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