

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.

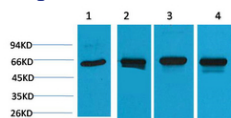
Recommended Dilution

WB: 1: 1000 - 2000

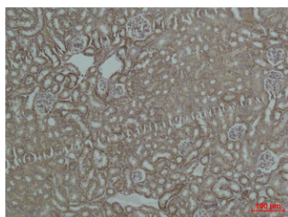
IHC: 1: 200 - 500

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



Immunohistochemical analysis of paraffin-embedded Mouse Kidney Tissue using HSP60 Polyclonal Antibody.

Storage

-20°C for one year

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