



Rabbit Anti-HSP40 antibody

SL6002R

Product Name:	HSP40
Chinese Name:	热休克蛋白家族40抗体
Alias:	HSP40 homolog; DnaJ (Hsp40) homolog subfamily B member 1; DNAJ 1; DNAJ B1; DnaJ homolog subfamily B member 1; DnaJ protein homolog 1; DNAJ1; DNAJB 1; Dnajb1; DNAJB1 protein; DNJB1_HUMAN; HDJ 1; HDJ-1; HDJ1; Heat shock 40 kDa protein 1; Heat shock 40kD protein 1; Heat shock protein 40; Hsp 40; HSP40; HSPF 1; HSPF1; Human DnaJ protein 1; Radial spoke 16 homolog B; RSPH16B; Sis1.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800Flow-Cyt=2µg/TestIF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	38kDa
Cellular localization:	cytoplasmicThe cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human DNAJB4/HSP40 homolog:151-250/337
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	DNAJB4 is a member of the evolutionarily conserved DNAJ/HSP40 protein family.

Function:

Interacts with HSP70 and can stimulate its ATPase activity. Stimulates the association between HSC70 and HIP.

Subunit:

Homodimer.

Subcellular Location:

Cytoplasm. Nucleus. Nucleus > nucleolus. Translocates rapidly from the cytoplasm to the nucleus, and especially to the nucleoli, upon heat shock.

Tissue Specificity:

Expressed in heart, pancreas and skeletal muscle, and to a lesser extent in brain, placenta and liver.

Similarity:

Contains 1 J domain.

SWISS:

Q9UDY4

Gene ID:

3337

Database links:

[Entrez Gene: 3337](#) Human

[Entrez Gene: 81489](#) Mouse

[Entrez Gene: 361384](#) Rat

[Omim: 604572](#) Human

[SwissProt: P25685](#) Human

[SwissProt: Q9QYJ3](#) Mouse

[Unigene: 515210](#) Human

[Unigene: 282092](#) Mouse

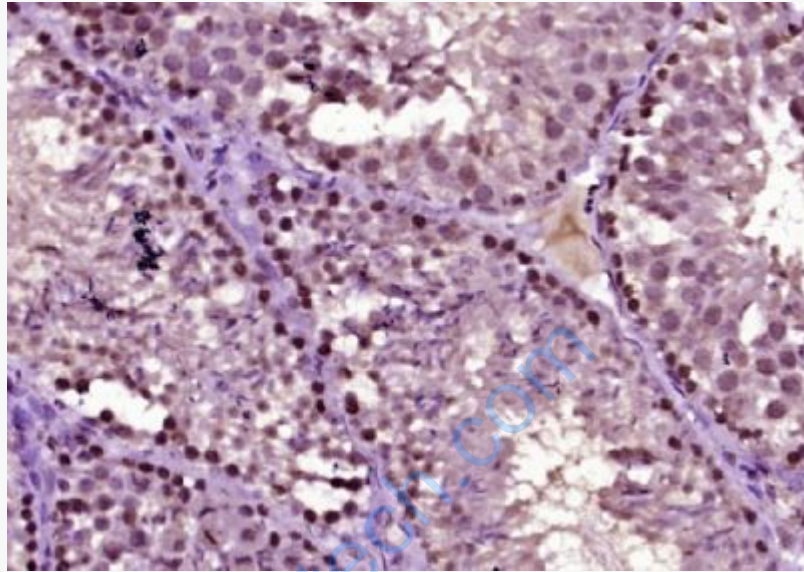
[Unigene: 128947](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human,

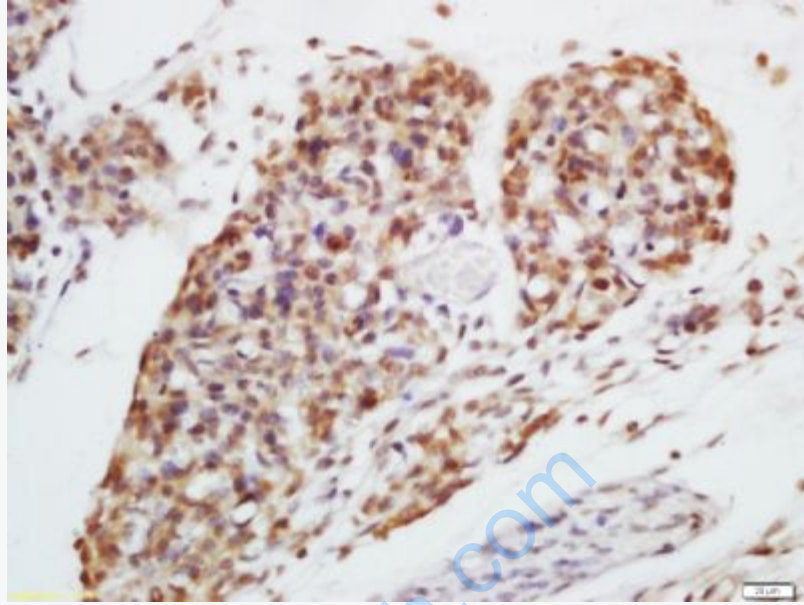
therapeutic or diagnostic applications.

热休克蛋白家族40抗体



Picture:

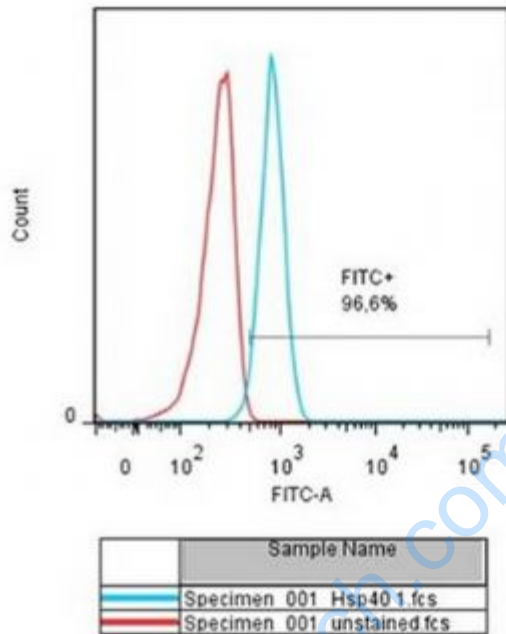
Paraformaldehyde-fixed, paraffin embedded (mouse testis tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (HSP40) Polyclonal Antibody, Unconjugated (SL6002R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Tissue/cell: mouse embryo tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-HSP40 Polyclonal Antibody, Unconjugated(SL6002R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



This image has been kindly submitted by Tübingen Ageing and Tumour Immunology Group (TATI), Centre for Medical Research (ZMF), University of Tübingen Medical School www.tati-group.de via our distributor Biozol. Human Melanoma cell line, EST02, was stained with Rabbit Anti-HSP40 homolog Polyclonal Antibody, FITC Conjugated (SL6002R) at 1:50 for 30 minutes, on ice.