HSCB 蛋白抗体

产品货号： mlR17399

英文名称： HSCB

中文名称： HSCB 蛋白抗体

别　　名： AI325508; AW049829; dJ366L4.2; DnaJ (Hsp40) homolog, subfamily C member 20; DnaJ homolog subfamily C member 20; DNAJC20; Hsc20; HSC20_HUMAN; hscB; HscB iron sulfur cluster co chaperone homolog; Iron sulfur cluster co chaperone protein HscB mitochondrial; Iron-sulfur cluster co-chaperone protein HscB; J type co chaperone HSC20; JAC1; mitochondrial; RGD1311005; RP3-366L4.2.

研究领域： 细胞生物　信号转导　新陈代谢　线粒体

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human,

产品应用 ： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量 ： 24kDa

细胞定位 ： 细胞浆 线粒体

性　　状 ： Lyophilized or Liquid

浓　　度 ： 1mg/ml

免 疫 原 ： KLH conjugated synthetic peptide derived from human HSCB:101-200/235

亚　　型 ： IgG

纯化方法 ： affinity purified by Protein A

储 存 液 ： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 ： 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

产品介绍 ： HscB is a 235 amino acid mitochondrial protein that functions as a co-chaperone in iron-sulfur cluster formation. Highly expressed in heart, liver and muscle, and belonging to the HscB family, HscB exists as a L-shaped crystal structure resembling E. coli HscB. Human HscB contains an N-terminal mitochondrial targeting signal followed by a J-domain and short loop. The C-terminal domain folds into a compact 3-helix bundle and likely mediates specific interactions with IscU. Containing six exons and five introns, the gene encoding HscB maps to human chromosome 22, which houses over 500 genes and is the second smallest human chromosome.

Function:

May act as a co-chaperone in iron-sulfur cluster assembly in mitochondria.

Subcellular Location:

Mitochondrion.

Tissue Specificity:

Liver, muscle and heart.

Similarity:

Belongs to the hscB family.

Contains 1 J domain.

SWISS:

Q8IWL3

Gene ID:

150274

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.