

亲环蛋白 PPIB 抗体

产品货号： mlR6609

英文名称： Cyclophilin B

中文名称： 亲环蛋白 PPIB 抗体

别名： Cphn 2; Cphn2; CyP 20b; Cyclophilin B; CYP S1; CYP-S1; CYPB; peptidyl prolyl cis trans isomerase B; Peptidyl prolyl cis trans isomerase B precursor; Peptidyl-prolyl cis-trans isomerase B; Peptidyl-prolyl cis-trans isomerase B precursor; Peptidylprolyl isomerase B; PPlase; PPlase B; PPIB; PPIB_HUMAN; Rotamase; Rotamase B; S cyclophilin; S-cyclophilin; SCYLP.

研究领域： 细胞生物 免疫学 信号转导

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Cow, Horse, Rabbit,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 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：20kDa

细胞定位：细胞浆

性状：Lyophilized or Liquid

浓度：1mg/ml

免疫原：KLH conjugated synthetic peptide derived from human Cyclophilin B:31-65/216

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 background:

PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides.

Involvement in disease; Defects in PPIB are the cause of osteogenesis imperfecta type 9 (OI9). OI9 is a connective tissue disorder characterized by bone fragility, low bone mass and bowing of limbs due to multiple fractures. Short limb dwarfism and blue sclerae are observed in some but not all patients.

Sequence similarities; Belongs to the cyclophilin-type PPIase family. PPIase B subfamily. Contains 1 PPIase cyclophilin-type domain.

Function:

PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides.

Subcellular Location:

Endoplasmic reticulum lumen. Melanosome. Note=Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

DISEASE:

Defects in PPIB are the cause of osteogenesis imperfect type 9 (OI9) [MIM:259440]. OI9 is a connective tissue disorder characterized by bone fragility, low bone mass and bowing of limbs due to multiple fractures. Short limb dwarfism and blue sclerae are observed in some but not all patients.

Similarity:

Belongs to the cyclophilin-type PPIase family. PPIase B subfamily.

Contains 1 PPIase cyclophilin-type domain.

SWISS:

P23284

Gene ID:

5479

Important Note:

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