

产品说明书

TOMM20 Rabbit mAb(H472)

货号: HL20925

产品名称	TOMM20 Rabbit mAb(H472)
来源宿主	Rabbit
反应种属	Human, Mouse, Rat
克隆类型	Rabbit monoclonal
克隆号	H472
同种型	IgG
标记	unconjugated
纯化方式	Protein A affinity purified.
形式	Liquid
存储溶液	PBS (pH7.4),0.05% BSA,40% Glycerol. Preservative: 0.05% Sodium Azide.
存储方式	Store at +4℃ after thawing. Aliquot store at -20℃. Avoid repeated freeze / thaw cycles.Stable for 12 months.
应用	WB,IHC-P,IHC-Fr,mIHC,IF
使用方法	WB 1:2000-1:10000; IHC-P 1:200-1:500; mIHC 1:200-1:500;IHC-Fr 1:200-1:500;IF 1:200-1:500
有效期	one year
别名	Mitochondrial import receptor subunit TOM20 homolog; Mitochondrial 20 kDa outer membrane protein; Outer mitochondrial membrane receptor Tom20; KIAA0016
免疫原	Recombinant protein
SwissProt	Q15388
细胞定位	Mitochondrion outer membrane
产品介绍	TOMM20 (Translocase of Outer Mitochondrial Membrane 20) is a ~20 kDa receptor subunit of the TOM complex embedded in the outer mitochondrial membrane; together with TOMM22 it forms the initial binding site that recognizes N-terminal matrix-targeting sequences on cytosol-synthesized pre-proteins and threads them through the TOMM40 channel into mitochondria, thereby governing mitochondrial biogenesis and bioenergetics, while also moonlighting as a mitophagy adaptor via PINK1, a regulator of apoptosis through BCL2/BAX, and a chaperone-like stabilizer of the androgen receptor in prostate cancer, making it a widely used marker for mitochondrial mass and a potential biomarker for diseases such as Parkinson's and cancer .

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