

产品概述

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| 产品名 (Product Name) | MRP-S17 rabbit Polyclonal Antibody |
| 货号 (Catalog No.) | ATA33288 |
| 种类 (Category) | Primary antibodies |
| 宿主 (Host) | Rabbit |
| 反应种属 (Species specificity) | Human,Mouse |
| 应用实验 (Tested applications) | WB,IHC-p,ELISA |
| 克隆性 (Clonality) | Polyclonal |
| 偶连物 (Conjugation) | Unconjugated |
| 免疫原 (Immunogen) | The antiserum was produced against synthesized peptide derived from human MRPS17. AA range:11-60 |

产品性能

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| 状态 (Form) | Liquid |
| 存放条件 (Storage) | Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 4 °C for frequent use. Store at -20 to -80 °C for twelve months from the date of receipt. |
| 纯化方式 (Purity) | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |

应用

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.

产品背景

mitochondrial ribosomal protein S17(MRPS17) Homo sapiens Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein synthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of a small 28S subunit and a large 39S subunit. They have an estimated 75% protein to rRNA composition compared to prokaryotic ribosomes, where this ratio is reversed. Another difference between mammalian mitoribosomes and prokaryotic ribosomes is that the latter contain a 5S rRNA. Among different species, the proteins comprising the mitoribosome differ greatly in sequence, and sometimes in biochemical properties, which prevents easy recognition by sequence homology. This gene encodes a 28S subunit protein that belongs to the ribosomal protein S17P family. The encoded protein is moderately conserved between human mitochondrial and prokaryotic ribosomal proteins. Pseudogenes corresponding to this gene are found