

环指蛋白 170 抗体

产品货号： mlR9260

英文名称： RNF170

中文名称： 环指蛋白 170 抗体

别名： Putative LAG1 interacting protein; Ring finger protein 170; RN170_HUMAN.

研究领域： 细胞生物 免疫学

抗体来源： Rabbit

克隆类型： Polyclonal

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

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:50-200 （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： 30kDa

细胞定位： 细胞浆 细胞膜

性 状： Lyophilized or Liquid

浓 度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human RNF170:101-200/258

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： The ring finger is a specialized type of zinc finger of 40 to 60 residues that binds two atoms of zinc and mediates protein-protein interactions. There are five known isoforms of RNF170.

Function:

E3 ubiquitin-protein ligase that plays an essential role in stimulus-induced inositol 1,4,5-trisphosphate receptor type 1 (ITPR1) ubiquitination and degradation via the endoplasmic reticulum-associated degradation (ERAD) pathway. Also involved in ITPR1 turnover in resting cells.

Subunit:

Constitutively associated with the ERLIN1/ERLIN 2 complex. Interacts with activated ITPR1.

Subcellular Location:

Endoplasmic reticulum membrane; Multi-pass membrane protein (By similarity).

Tissue Specificity:

Expressed in the spinal chord.

DISEASE:

Defects in RNF170 are the cause of ataxia, sensory, type 1, autosomal dominant (SNAX1) [MIM:608984]. A rare disease characterized by progressive ataxia caused by degeneration of the posterior columns of the spinal cord. Affected individuals have a reduced ability to feel pain, temperature and vibration, particularly in the hands and feet. Their most prominent feature is an ataxic gait resulting from a severe loss of proprioception. Thus, patients rely on visual cues for maintaining proper body posture, such that they are unable to remain upright if their eyes are closed (Romberg sign).

Similarity:

Contains 1 RING-type zinc finger.

SWISS:

Q96K19

Gene ID:

81790

Important Note:

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

产品图片

