

## 锌指蛋白 3 环指蛋白 3 抗体

产品货号： mlR9141

英文名称： ZNRF3

中文名称： 锌指蛋白 3/环指蛋白 3 抗体

别 名： Novel C3HC4 type Zinc finger (ring finger); RING finger protein 203; RNF203; Zinc and ring finger 3; Zinc/RING finger protein 3; Znr3; ZNRF3\_HUMAN.

研究领域： 细胞生物 免疫学 神经生物学 锌指蛋白 表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

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

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 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： 95kDa

细胞定位： 细胞膜

性 状： Lyophilized or Liquid

浓 度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human ZNRF3:101-200/936 <Extracellular>

**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 :** Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. The RING-type zinc finger motif is present in a number of viral and eukaryotic proteins and is made of a conserved cysteine-rich domain that is able to bind two zinc atoms. Proteins that contain this conserved domain are generally involved in the ubiquitination pathway of protein degradation. The three classes of enzymes involved in ubiquitination are the ubiquitin-activating enzymes (E1s), the ubiquitin-conjugating enzymes (E2s) and the ubiquitin-protein ligases (E3s). ZNRF3 (Zinc/RING finger protein 3), also known as RNF203 (RING finger protein 203), is a 936 amino acid single pass transmembrane protein that contains one RING-type zinc finger. Related zinc/RING finger proteins, such as ZNRF1 and ZNRF2, are E3 ubiquitin-protein ligases that are thought to be involved in the establishment and maintenance of neuronal transmission and plasticity, therefore it is likely that ZNRF3 may function in a similar manner.

**Function:**

E3 ubiquitin-protein ligase that acts as a negative regulator of the Wnt signaling pathway by mediating the ubiquitination and subsequent degradation of Wnt receptor complex components Frizzled and LRP6. Acts on both canonical and non-canonical Wnt signaling pathway. Acts as a tumor suppressor in the intestinal stem cell zone by inhibiting the Wnt signaling pathway, thereby restricting the size of the intestinal stem cell zone.

**Subunit:**

Interacts with LRP6, FZD4, FZD5, FZD6 and FZD8. Interacts with RSP01; interaction promotes indirect interaction with LGR4 and membrane clearance of ZNRF3.

**Subcellular Location:**

Cell membrane; Single-pass type I membrane protein.

**Similarity:**

Belongs to the ZNRF3 family.

Contains 1 RING-type zinc finger.

**SWISS:**

Q9ULT6

**Gene ID:**

84133

**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

