环指蛋白 94 抗体

产品货号： mlR12330

英文名称： Trim22

中文名称： 环指蛋白 94 抗体

别　　名： 50 kDa stimulated trans acting factor; RING finger protein 94; RNF94; Staf-50; RNF94; Staf 50; STAF50; Stimulated trans acting factor (50 kDa); Stimulated Trans Acting Factor (homolog of Mouse Rpt 1 gene); Trim22; Tripartite binding motif 22; Tripartite motif containing protein 22; TTRIM22RIM22; TRI22_HUMAN.

研究领域： 细胞生物　免疫学　干细胞　淋巴细胞　t-淋巴细胞

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应　： Human,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 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： 57kDa

细胞定位： 细胞核 细胞浆

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from Human Trim22/Staf-50/RNF94:231-330/498

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 tripartite motif (TRIM) family of proteins are characterized by a conserved TRIM domain that includes a coiled-coil region, a B-box type zinc finger, one RING finger and three zinc-binding domains. Staf-50 (50 kDa-stimulated trans-acting factor), also known as TRIM22 (tripartite motif-containing 22), RNF94 or GPSTAF50, is a 498 amino acid cytoplasmic protein that belongs to the TRIM family and, characteristic of TRIM family members, contains one RING-type zinc finger, one B box-type zinc finger and one SPRY domain. Induced by IFN-å and IFN-∫, Staf-50 is strongly expressed in ovary, spleen, thymus and peripheral blood leukocytes where it is thought to mediate the antiviral effects of IFN proteins. Additionally, Staf-50 is present in leukemic cells, suggesting a role in cancer formation and metastasis. Staf-50 exists as two alternatively spliced isoforms which are encoded by a gene that maps to human chromosome 11.

Function:

Trim22 is an interferon inducible protein that is preferentially expressed in cells of the haematopoietic system. Trim22 has been shown to be a p53 target gene. It also has an activation stage specific role connected to the paracrine crosstalk during T lymphocyte activation. It is strongly expressed in peripheral blood leukocytes, spleen, thymus, and ovary; expressed at basal levels in other tissues. There are two named isoforms.

Subunit:

Interacts with HIV-1 Gag polyprotein; this interaction seems to reduce gag production or virus budding. Interacts with EMCV protease 3C; this interaction leads to viral protease ubiquitination.

Subcellular Location:

Cytoplasm. Nucleus.

Tissue Specificity:

Strongly expressed in peripheral blood leukocytes, spleen, thymus, and ovary. Expressed at basal levels in other tissues.

Post-translational modifications:

Auto-ubiquitinated.

Similarity:

Belongs to the TRIM/RBCC family.

Contains 1 B box-type zinc finger.

Contains 1 B30.2/SPRY domain.

Contains 1 RING-type zinc finger.

SWISS:

Q8IYM9

Gene ID:

10346

Important Note:

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

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