环指蛋白 212 抗体

产品货号： mlR18326

英文名称： RNF212

中文名称： 环指蛋白 212 抗体

别　　名： LOC285498; FLJ38841; Hypothetical protein LOC285498; OTTHUMP00000147525; Probable E3 SUMO-protein ligase RNF212; RING finger protein 212; RN212_HUMAN; RNF 212; RNF212; ZHP3; ZHP3, C. elegans, homolog of; ZIP3-related protein.

研究领域： 细胞生物　免疫学　转录调节因子　表观遗传学　环指蛋白

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human,

产品应用： 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： 33kDa

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 RNF212:201-297/297

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： This gene encodes a RING finger protein that may function as a ubiquitin ligase. The encoded protein may be involved in meiotic recombination. This gene is located within a linkage disequilibrium block and polymorphisms in this gene may influence recombination rates. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Oct 2010]

Function:

Key regulator of crossing-over during meiosis: required to couple chromosome synapsis to the formation of crossover-specific recombination complexes. Localizes to recombination sites and stabilizes meiosis-specific recombination factors, such as MutS-gamma complex proteins (MSH4 and MSH5) and TEX11. May act as a SUMO E3 ligase that mediates sumoylation of target proteins MSH4 and/or MSH5, leading to enhance their binding to recombination sites. Acts as a limiting factor for crossover designation and/or reinforcement.

Subcellular Location:

Nucleus. Chromosome. Associates to the synaptonemal complex. Localizes to a minority of double-strand breaks (DSBs) sites. Marks crossover sites during midpachynema.

Similarity:

Contains 1 RING-type zinc finger.

SWISS:

Q495C1

Gene ID:

285498

Important Note:

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