视网膜母细胞瘤结合蛋白 6 抗体

产品货号： mlR6576

英文名称： RBBP6

中文名称： 视网膜母细胞瘤结合蛋白 6 抗体

别　　名： Retinoblastoma binding protein 6; RBBP6; MY038; P2P R; P2PR; p53 associated cellular protein of testis; PACT;Proliferationpotentialrelated protein; Protein P2P R; Protein P2PR; Protein RBQ 1; Protein RBQ1; RB binding Q protein 1; RBBP 6; RBQ 1; RBQ1; Retinoblastoma binding protein 6 isoform 3; Retinoblastoma binding Q protein 1; SNAMA; RBBP6_HUMAN.

研究领域： 肿瘤　细胞生物　细胞凋亡　细胞周期蛋白　肿瘤细胞生物标志物

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： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 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： 201kDa

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 RBBP6:1201-1350/1792

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 background:

The retinoblastoma tumor suppressor (pRB) protein binds with many other proteins. In various human cancers, pRB suppresses cellular proliferation and is inactivated. Cell cycle-dependent phosphorylation regulates the activity of pRB. Retinoblastoma binding protein 6 binds to underphosphorylated but not phosphorylated pRB. Multiple alternatively spliced transcript variants that encode different isoforms have been found for this gene.

Function:

E3 ubiquitin-protein ligase which promotes ubiquitination of YBX1, leading to its degradation by the proteasome. May play a role as a scaffold protein to promote the assembly of the p53/TP53-MDM2 complex, resulting in increase of MDM2-mediated ubiquitination and degradation of p53/TP53; may function as negative regulator of p53/TP53, leading to both apoptosis and cell growth.

Subunit:

Interacts with p53/TP53 and RB1 (By similarity). Interacts also with MDM2 and YBX1. Interacts with NEK6.

Subcellular Location:

ucleus, nucleolus. Chromosome. Cytoplasm, cytoskeleton, centrosome. Note=Colocalizes with mitotic chromosomes. Co-localizes with NEK6 in the centrosome.

Tissue Specificity:

Highly expressed in the placenta and testis. Expressed at lower levels in the brain, heart, kidney, liver and lung. Overexpressed in esophageal cancer.

Post-translational modifications:

Phosphorylated upon DNA damage, probably by ATM or ATR. Phosphorylated by NEK6.

Similarity:

Contains 1 CCHC-type zinc finger.

Contains 1 DWNN domain.

Contains 1 RING-type zinc finger.

SWISS:

Q7Z6E9

Gene ID:

5930

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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