

## Rabbit Anti-RBBP6/AF350 Conjugated antibody

SL1483R-AF350

<b>Product Name</b>	Anti-RBBP6/AF350
<b>Chinese Name</b>	AF350 标记的增殖潜能相关蛋白抗体
<b>Alias</b>	Retinoblastoma-binding protein 6; proliferation potential protein related; p53-associated cellular protein of testis; Proliferation potential-related protein; Retinoblastoma-binding Q protein 1; Protein RBQ-1; My038; PACT; Protein P2P-R; RBBP6_HUMAN; P2P-R.
<b>Research Area</b>	Tumour Cell biology Developmental biology Signal transduction Cyclin
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	Mouse(predicted:Human,Rat)
<b>Applications</b>	IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight</b>	201kDa
<b>Form</b>	Lyophilized or Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	KLH conjugated synthetic peptide derived from humna P2PR
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A
<b>Storage Buffer</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol
<b>Storage</b>	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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>Product Detail</b>	<b>background:</b> he 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. This gene encodes a protein which binds to underphosphorylated but not phosphorylated pRB. Multiple alternatively spliced transcript variants that encode different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

**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. Interacts also with MDM2 and YBX1. Interacts with NEK6.

**Subcellular Location:**

Nucleus, 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 by NEK6.

**Similarity:**

Contains 1 CCHC-type zinc finger.  
Contains 1 DWNN domain.  
Contains 1 RING-type zinc finger.

**Database links:**

[Entrez Gene: 5930](#) Human

[Entrez Gene: 19647](#) Mouse

[Entrez Gene: 308968](#) Rat

[Omid: 600938](#) Human

[SwissProt: Q7Z6E9](#) Human

[SwissProt: P97868](#) Mouse

[Unigene: 188553](#) Human

[Unigene: 4480](#) Mouse

**Important Note:**

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

信号传导 (Signaling Intermediates)

P2P-P 又称 PACT 即 P53 相关细胞蛋白 (P53 associated cellular protein-testes derived), P2P-P 蛋白是 p53 的负调控因子, 而且在细胞生长和胚胎发育, Cell differentiation、前体 mRNA 剪接、周期阻滞、凋亡过程中起到了重要作用。