

Anti-RBBP6 antibody



Description	Unconjugated Rabbit polyclonal to RBBP6
Model	STJ191314
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human RBBP6 protein.
Immunogen Region	270-350aa
Gene ID	5930
Gene Symbol	RBBP6
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	RBBP6 Polyclonal Antibody detects endogenous levels of protein.
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.
Purification	RBBP6 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	E3 ubiquitin-protein ligase RBBP6 Proliferation potential-related protein Protein P2P-R RING-type E3 ubiquitin transferase RBBP6 Retinoblastoma-binding Q protein 1 RBQ-1 Retinoblastoma-binding protein 6 p53-associ
Molecular Weight	197 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:9889OMIM:600938
Alternative Names	E3 ubiquitin-protein ligase RBBP6 Proliferation potential-related protein Protein P2P-R RING-type E3 ubiquitin transferase RBBP6 Retinoblastoma-binding Q protein 1 RBQ-1 Retinoblastoma-binding protein 6 p53-associ
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 . Regulates DNA-replication and the stability of chromosomal common fragile sites (CFSs) in a ZBTB38- and MCM10-dependent manner. Controls ZBTB38 protein stability and abundance via ubiquitination and proteasomal degradation, and ZBTB38 in turn negatively regulates the expression of MCM10 which plays an important role in DNA-replication .
Cellular Localization	Nucleus, nucleolus. Chromosome. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Colocalizes with mitotic chromosomes. Colocalizes with NEK6 in the centrosome.
Post-translational Modifications	Phosphorylated by NEK6.