10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

RBBP6 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12215

Specification

RBBP6 antibody - N-terminal region - Product Information

Application	**WB**
Primary Accession	Q7Z6E9
Other Accession	NM_006910, NP_008841
Reactivity	**Human, Mouse, Rat, Rabbit, Pig, Bovine, Dog**
Predicted	**Human, Mouse, Rat, Rabbit, Pig, Bovine, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**201kDa KDa**

RBBP6 antibody - N-terminal region - Additional Information

Gene ID 5930

Alias Symbol	**DKFZp686P0638, DKFZp761B2423, MY038, P2P-R, RBQ-1, PACT, SNAMA**

Other Names
E3 ubiquitin-protein ligase RBBP6, 6.3.2.-, Proliferation potential-related protein, Protein P2P-R, Retinoblastoma-binding Q protein 1, RBQ-1, Retinoblastoma-binding protein 6, p53-associated cellular protein of testis, RBBP6, P2PR, PACT, RBQ1

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 ul of distilled water. Final anti-RBBP6 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions
RBBP6 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

RBBP6 antibody - N-terminal region - Protein Information

Name RBBP6

Synonyms P2PR, PACT, RBQ1

Function
E3 ubiquitin-protein ligase which promotes ubiquitination of YBX1, leading to its degradation by the proteasome (PubMed:<a href="http://www.uniprot.org/citations/18851979"

target="_blank">18851979). 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 (By similarity). 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 (PubMed:24726359).

Cellular Location
Nucleus, nucleolus. Chromosome. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome Note=Colocalizes with mitotic chromosomes. Colocalizes with NEK6 in the centrosome

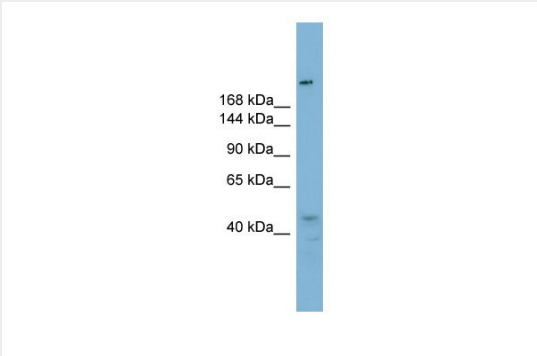
Tissue Location
Highly expressed in the placenta and testis. Expressed at lower levels in the brain, heart, kidney, liver and lung Overexpressed in esophageal cancer.

RBBP6 antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

RBBP6 antibody - N-terminal region - Images



WB Suggested Anti-RBBP6 Antibody Titration: 0.2-1 µg/ml
Positive Control: NCI-H226 cell lysate