

Product datasheet for **TA380757**

RbAp46 (RBBP7) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ChIP, IP, WB
Recommended Dilution:	WB,1:500 - 1:2000 IP,1:50 - 1:200 ChIP,1:50 - 1:200
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-230 of human RBBP7 (NP_002884.1).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	47kDa/52kDa
Gene Name:	RB binding protein 7, chromatin remodeling factor
Database Link:	Entrez Gene 5931 Human Q16576



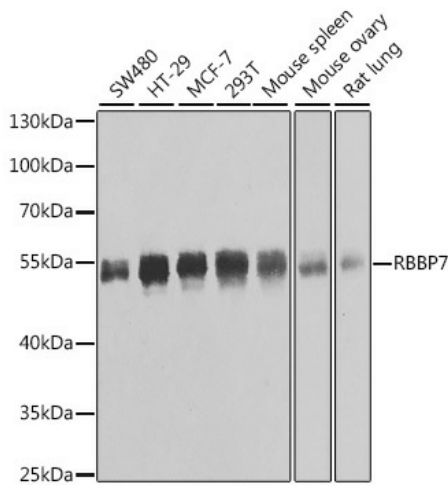
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Background:

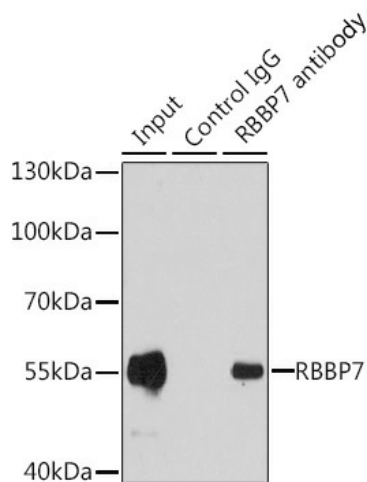
This protein is a ubiquitously expressed nuclear protein and belongs to a highly conserved subfamily of WD-repeat proteins. It is found among several proteins that binds directly to retinoblastoma protein, which regulates cell proliferation. The encoded protein is found in many histone deacetylase complexes, including mSin3 co-repressor complex. It is also present in protein complexes involved in chromatin assembly. This protein can interact with BRCA1 tumor-suppressor gene and may have a role in the regulation of cell proliferation and differentiation. Two transcript variants encoding different isoforms have been found for this gene.

Synonyms:

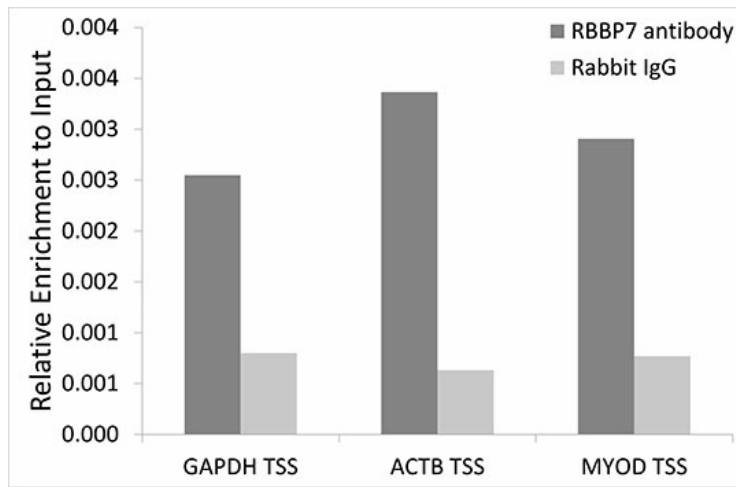
MGC138867; MGC138868; RbAp46; RBBP-7

Product images:


Western blot analysis of extracts of various cell lines, using RBBP7 antibody (TA380757) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit. | Exposure time: 1s.



Immunoprecipitation analysis of 200ug extracts of MCF7 cells using 1ug RBBP7 antibody (TA380757). Western blot was performed from the immunoprecipitate using RBBP7 antibody (TA380757) at a dilution of 1:1000.



Chromatin immunoprecipitation analysis of extracts of 293T cells, using RBBP7 antibody (TA380757) and rabbit IgG. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.