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

RBBP9 Antibody

Rabbit Polyclonal Antibody
Catalog # AI10143

Product Information

Application	WB, IF
Primary Accession	O75884
Other Accession	O75884, NP_006597, NM_006606
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	21000

Additional Information

Gene ID	10741
Alias Symbol	BOG, MGC9236, RBBP10
Other Names	Putative hydrolase RBBP9, 3---, B5T-overexpressed gene protein, Protein BOG, Retinoblastoma-binding protein 10, RBBP-10, Retinoblastoma-binding protein 9, RBBP-9, RBBP9, BOG, RBBP10
Target/Specificity	RBBP9 may play a role in the transformation process due to its capacity to confer resistance to the growth-inhibitory effects of TGF-beta1 through interaction with retinoblastoma and the subsequent displacement of E2F-1.The protein encoded by this gene is a retinoblastoma binding protein that may play a role in the regulation of cell proliferation and differentiation. Two alternatively spliced transcript variants of this gene with identical predicted protein products have been reported, one of which is a nonsense-mediated decay candidate.
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-RBBP9 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	RBBP9 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

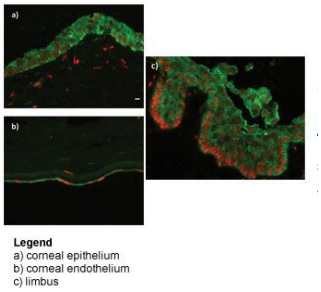
Name	RBBP9 (HGNC:9892)

Synonyms	BOG, RBBP10
Function	Serine hydrolase (Probable) (PubMed: 32196348). Catalyzes the hydrolytic activation of amino acid ester of the antiviral prodrug valacyclovir to its corresponding active drug, acyclovir (PubMed:32196348). May negatively regulate basal or autocrine TGF-beta signaling by suppressing SMAD2-SMAD3 phosphorylation (PubMed:20080647). May play a role in the transformation process due to its capacity to confer resistance to the growth-inhibitory effects of TGF-beta through interaction with RB1 and the subsequent displacement of E2F1 (PubMed:9697699).
Tissue Location	Expressed at higher levels in tumor tissues such as carcinoma.

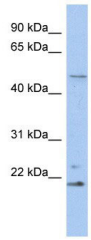
Background

This is a rabbit polyclonal antibody against RBBP9. It was validated on Western Blot using a cell lysate as a positive control. Abgent strives to provide antibodies covering each member of a whole protein family of your interest. We also use our best efforts to provide you antibodies recognize various epitopes of a target protein. For availability of antibody needed for your experiment, please inquire (sales@abgent.com).

Images



RBBP9 Antibody (AI10143) in Corneal Endothelium cells using Immunofluorescence
WB Suggested Anti-HNRNPA0 Antibody Titration: 1.25 µg/ml
Positive Control: HepG2 Whole Cell



RBBP9 Antibody (AI10143) in Human THP1 cells using Western Blot
WB Suggested Anti-RBBP9 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:1562500
Positive Control: THP-1 cell lysate