

Rabbit anti-Mouse C1QBP Polyclonal Antibody | anti-C1QBP antibody

Anti-C1QBP Antibody, Rabbit Polyclonal

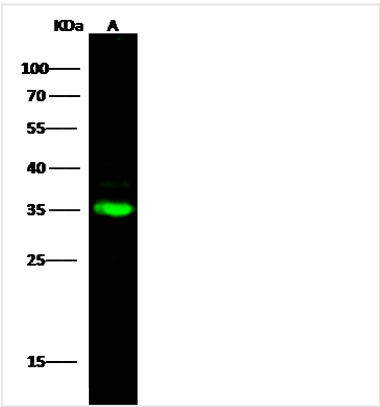
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA257110	Rabbit	Mouse	Immunoprecipitation, ELISA, Western Blot

PRODUCT SYNONYMS

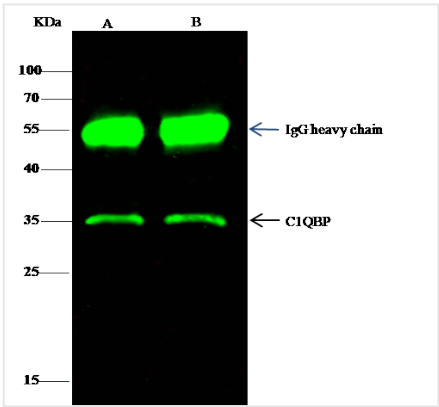
C1QBP; Polyclonal Antibody; Anti-C1QBP Antibody; Rabbit Polyclonal; C1QBP/HABP1 Antibody; Rabbit PAb; Antigen Affinity Purified; complement component 1; q subcomponent binding protein; Anti-AA407365 Antibody; Anti-AA986492 Antibody; Anti-D11Wsu182e Antibody; Anti-gC1qBP Antibody; Anti-HABP1 Antibody; Anti-P32 Antibody; anti-C1QBP antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse C1QBP/HABP1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-C1QBP antibody	IP (Immunoprecipitation), ELISA, WB (Western Blot)
Immunogen	Recombinant Mouse C1QBP/HABP1 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Mouse C1QBP/HABP1 (rM C1QBP/HABP1). C1QBP/HABP1 specific IgG was purified by Mouse C1QBP/HABP1 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



WB (Western Blot)
Anti-C1QBP rabbit polyclonal antibody at 1:500 dilution Lane A: Jurkat Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 31 kDa Observed band size: 35 kDa



IP (Immunoprecipitation)
Mouse C1QBP was immunoprecipitated using: Lane A: 0.5 mg HepG2 Whole Cell Lysate Lane B: 0.5 mg HepG2 Whole Cell Lysate 2 uL anti-Mouse C1QBP rabbit polyclonal antibody and 15 uL of 50 % Protein G agarose. Primary antibody: Anti-Mouse C1QBP rabbit polyclonal antibody, at 1:200 dilution Secondary antibody: Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution Developed using the odyssey technique. Performed under reducing conditions. Predicted band size: 35 kDa Observed band size: 35 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-C1QBP antibody	Hyaluronan binding protein 1 (HABP1), also known as p32 or gC1qR, is a ubiquitously expressed multifunctional phospho-protein implicated in cell signalling. Hyaluronan-binding protein 1 (HABP1) /p32/gC1qR was characterized as a highly acidic and oligomeric protein, which binds to different ligands like hyaluronan, C1q, and mannosylated albumin. The role of hyaluronan binding protein 1 (HABP1) in cell signaling was investigated and in vitro. HABP1 overexpressing cells showed extensive vacuolation and reduced growth rate, which was corrected by frequent medium replenishment. Further investigation revealed that HABP1 overexpressing cells undergo apoptosis, and they failed to enter into the S-phase. The sperm surface HABP1 level can be correlated with the degree of sperm motility. Hyaluronan binding protein 1 (HABP1) was reported to be present on human sperm surface and its involvement in fertilization has already been elucidated: decreased HABP1 level may be associated with low motility of sperms, which in turn might cause infertility in the patient. HABP1 also is an endogenous substrate for MAP kinase and upon mitogenic stimulation it is translocated to the nucleus in a MAP kinase-dependent manner.
References	Meenakshi J, et al. (2003) Constitutive expression of hyaluronan binding protein 1 (HABP1/p32/gC1qR) in normal fibroblast cells perturbs its growth characteristics and induces apoptosis. Biochemical and Biophysical Research Communication. 300(3): 686-93. Majumdar M, et al. (2002) Hyaluronan Binding Protein 1 (HABP1) /C1QBP/p32 Is an Endogenous Substrate for MAP Kinase and Is Translocated to the Nucleus upon Mitogenic Stimulation. Biochemical and Biophysical Research Communications. 291(4): 829-37. Ghosh I, et al. (2002) Reduction in the level of hyaluronan binding protein 1 (HABP1) is associated with loss of sperm motility. Journal of Reproductive Immunology. 53(1-2): 45-54.

NCBI AND UNIPROT INFORMATION

NCBI GI #	112181167
NCBI GeneID	12261
NCBI Accession #	NP_031599.2
NCBI GenBank Nucleotide #	NM_007573.2
UniProt Accession #	O35658
Molecular Weight	31,013 Da
NCBI Official Full Name	complement component 1 Q subcomponent-binding protein, mitochondrial
NCBI Official Synonym Full Names	complement component 1, q subcomponent binding protein
NCBI Official Symbol	C1qbp

NCBI Official Synonym Symbols	P32; HABP1; gC1qBP; AA407365; AA986492; D11Wsu182e
NCBI Protein Information	complement component 1 Q subcomponent-binding protein, mitochondrial
UniProt Protein Name	Complement component 1 Q subcomponent-binding protein, mitochondrial
UniProt Gene Name	C1qbp
UniProt Synonym Gene Names	Gc1qbp; C1qBP
UniProt Entry Name	C1QBP_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/c1qbp-antibody-immunoprecipitation-western-blot-elisa/257110>