

Rabbit C1QBP Polyclonal Antibody | anti-C1QBP antibody

C1QBP Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324634	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

C1QBP; Polyclonal Antibody; C1QBP Antibody; ASF/SF2 associated protein p32; C1q globular domain binding protein; C1qBP; C1QBP_HUMAN; Complement component 1 q subcomponent binding protein; Complement component 1 Q subcomponent binding protein mitochondrial; Complement component 1 Q subcomponent-binding protein; mitochondrial; GC1Q R; GC1q R protein; GC1q-R protein; GC1QBP; GC1QR; globular domain of; C1q; receptor for; Glycoprotein gC1qBP; HABP 1; HABP1; Hyaluronan binding protein 1; Hyaluronan-binding protein 1; Mitochondrial matrix protein p32; p32; p32 splicing factor; p33; Pre mrna splicing factor SF2 P32 subunit precursor; SF2p32; Splicing factor SF2 associated protein; anti-C1QBP antibody

PRODUCT SPECIFICATIONS

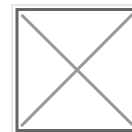
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	C1QBP Antibody detects endogenous levels of total C1QBP.
Purity/Purification	Peptide affinity purification
Form/Format	IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-C1QBP antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human C1QBP, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20°C

IMAGES



IF (Immunofluorescence)

AAA324634 staining A549 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA324634) and mouse anti-beta-tubulin Ab for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from mouse brain, using C1QBP antibody.



IHC (Immunohistochemistry)

AAA324634 at 1/100 staining Mouse liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of extracts from Jurkat cells, using C1QBP antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-C1QBP antibody

Is believed to be a multifunctional and multicompartmental protein involved in inflammation and infection processes, ribosome biogenesis, protein synthesis in mitochondria, regulation of apoptosis, transcriptional regulation and pre-mRNA splicing. At the cell surface is thought to act as an endothelial receptor for plasma proteins of the complement and kallikrein-kinin cascades. Putative receptor for C1q; specifically binds to the globular "heads" of C1q thus inhibiting C1; may perform the receptor function through a complex with C1qR/CD93. In complex with cytokeratin-1/KRT1 is a high affinity receptor for kininogen-1/HMWK. Can also bind other plasma proteins, such as coagulation factor XII leading to its autoactivation.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502491
NCBI GeneID	708
NCBI Accession #	NP_001203.1
NCBI GenBank Nucleotide #	NM_001212.3
UniProt Accession #	Q07021; Q2HXR8; Q9NNY8
Molecular Weight	32 KD
NCBI Official Full Name	complement component 1 Q subcomponent-binding protein, mitochondrial
NCBI Official Synonym Full Names	complement C1q binding protein
NCBI Official Symbol	C1QBP
NCBI Official Synonym Symbols	p32; HABP1; gC1qR; GC1QBP; SF2p32; gC1Q-R; COXPD33; SF2AP32
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; HABP1; SF2P32; C1qBP; SF2AP32

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-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/324634>