

Rabbit GC1q R Polyclonal Antibody | anti-C1QBP antibody

Anti-GC1q R Antibody

CATALOG # AAA46599	HOST Rabbit	REACTIVITY Human, Mouse, Rat No cross reactivity with other proteins.	APPLICATIONS Immunohistochemistry, Western Blot
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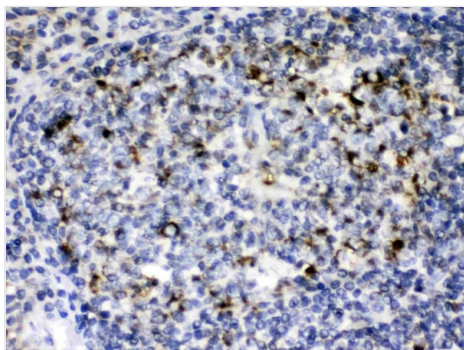
PRODUCT SYNONYMS

GC1q R; Polyclonal Antibody; Anti-GC1q R Antibody; C1qBP; GC1Q R; GC1QR; GC1QBP; GC1q R protein; GC1q-R protein; HABP 1; HABP1; p32; p33; SF2p32; Q07021; Complement component 1 Q subcomponent-binding protein; mitochondrial; complement component 1; q subcomponent binding protein; anti-C1QBP antibody

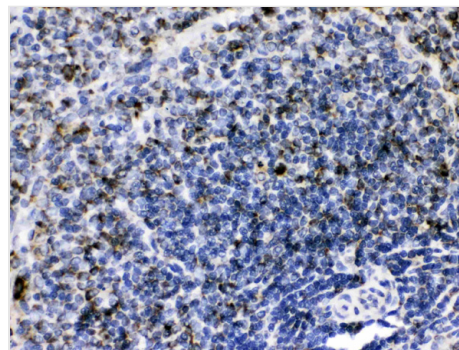
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat No cross reactivity with other proteins.
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	282
Applicable Applications for anti-C1QBP antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human GC1q R recombinant protein (Position: E190-Q282). Human GC1q R shares 92.5% and 93.5% amino acid (aa) sequence identity with mouse and rat GC1q R, respectively.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

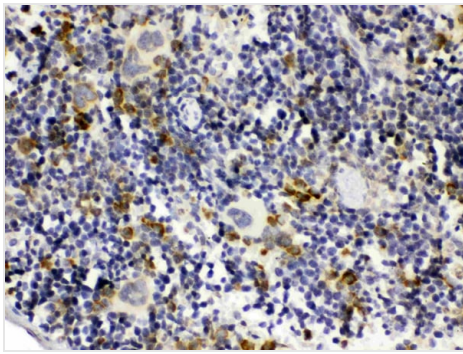
IMAGES



IHC (Immunohistochemistry)
GC1q R was detected in paraffin-embedded sections of human tonsil tissues using rabbit anti-GC1q R Antigen Affinity purified polyclonal antibody at 1 ug/mL. The immunohistochemical section was developed using SABC method.

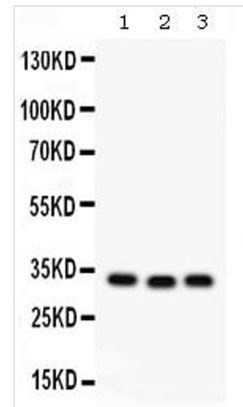


IHC (Immunohistochemisry)
GC1q R was detected in paraffin-embedded sections of rat spleen tissues using rabbit anti-GC1q R Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



IHC (Immunohistochemistry)

GC1q R was detected in paraffin-embedded sections of mouse spleen tissues using rabbit anti- GC1q R Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



WB (Western Blot)

Western blot analysis of GC1q R expression in rat liver extract (lane 1), mouse spleen extract (lane 2) and MCF-7 whole cell lysates (lane 3). GC1q R at 33KD was detected using rabbit anti- GC1q R Antigen Affinity purified polyclonal antibody at 0.5ug/mL. The blot was developed using chemiluminescence (ECL) method.

ADDITIONAL INFORMATION

Related Product Information for anti-C1QBP antibody	Rabbit IgG polyclonal antibody for Complement component 1 Q subcomponent-binding protein, mitochondrial (C1QBP) detection. Background: Complement component 1 Q subcomponent-binding protein, mitochondrial is a protein that in humans is encoded by the C1QBP gene. This gene is mapped to 17p13.3 in a region conserved with mouse chromosome 11. The human complement subcomponent C1q associates with C1r and C1s in order to yield the first component of the serum complement system. The protein encoded by this gene is known to bind to the globular heads of C1q molecules and inhibit C1 activation. This protein has also been identified as the p32 subunit of pre-mRNA splicing factor SF2, as well as a hyaluronic acid-binding protein.
References	1. "Entrez Gene: C1QBP complement component 1, q subcomponent binding protein". 2. Deb TB, Datta K (March 1996). "Molecular cloning of human fibroblast hyaluronic acid-binding protein confirms its identity with P-32, a protein co-purified with splicing factor SF2. Hyaluronic acid-binding protein as P-32 protein, co-purified with splicing factor SF2". J Biol Chem 271 (4): 2206-12. 3. Ghebrehiwet B, Lim BL, Peerschke EI, Willis AC, Reid KB (June 1994). "Isolation, cDNA cloning, and overexpression of a 33-kD cell surface glycoprotein that binds to the globular "heads" of C1q". J Exp Med 179(6): 1809-21.

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	31,362 Da
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
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
UniProt Entry Name	C1QBP_HUMAN

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/gc1q-r-antibody-immunohistochemistry-western-blot-elisa/46599>