

透明质酸结合蛋白 1 抗体

产品货号： mlR11263

英文名称： GC1q R

中文名称： 透明质酸结合蛋白 1 抗体

别名： C1q globular domain binding protein; C1QBP; GC1q R; C1QBP_HUMAN antibody 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; Glycoprotein gC1qBP; HABP 1; HABP1; Hyaluronan binding protein 1; Hyaluronan-binding protein 1; Mitochondrial matrix protein p32; p32 antibody p33 antibody Pre mrna splicing factor SF2 P32 subunit precursor; SF2p32; Splicing factor SF2 associated protein.

研究领域： 细胞生物 免疫学 细胞膜受体

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Sheep,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500
(石蜡切片需做抗原修复)

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量： 24kDa

细胞定位： 细胞核 细胞浆

性状： Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human C1QBP:101-200/282

亚 型 : IgG

纯化方法 : affinity purified by Protein A

储 存 液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

PubMed : PubMed

产品介绍 : The human complement subcomponent C1q associates with C1r and C1s in order to yield the first component of the serum complement system (SCS). The SCS contains over 30 glycoproteins that influence physiological mechanisms of the body in response to immune complex (the classical pathway), carbohydrate (the lectin pathway) or bacterial (alternative pathway) initiation. C1q binding protein (C1QBP), also designated gC1q-R, p32 (p33) or HABP1 (hyaluronan-binding protein 1), is known to bind the globular heads of C1q molecules and inhibit C1 activation. C1QBP has been described as a complement receptor for C1q on B cells, neutrophils and mast cells. The C1QBP protein may form homodimers. C1QBP is expressed in vascular endothelial cells and has been found to be a multifunctional protein interacting with elements of complement, coagulation and kinin systems. In addition, C1QBP is a subunit of pre-mRNA splicing factor SF2/ASF.

Function:

Binds to the globular "heads" of C1Q thus inhibiting C1 activation.

Subunit:

Homotrimer; three monomers form a donut-shaped structure with an unusually asymmetric charge distribution on the surface. Interacts with CDK13, HRK, VTN, NFYB, ADRA1B, FOXC1, DDX21, DDX50, NCL, SRSF1, SRSF9 and CDKN2A isoform smARF. Interacts with CD93; the association may represent a cell surface C1q receptor. Interacts with KRT1; the association represents a cell surface kininogen receptor. Interacts with CD209; the interaction is

indicative for a C1q:C1QBP:CD209 signaling complex. Interacts with FBL and RRP1; the respective interactions with C1QBP are competitive. Probably associates with the mitoribosome. Interacts with MAVS; the interaction occurs upon viral transfection. Interacts with PPIF. Interacts with Rubella virus capsid protein; the interaction occurs in mitochondria. Interacts with Rubella virus protease p150, Staphylococcus aureus protein A/spa, HIV-1 Tat and HCV core protein.

Subcellular Location:

Mitochondrion matrix. Nucleus. Might also be nuclear in some cell types.

Tissue Specificity:

Expressed on cell surface of peripheral blood cells (at protein level); Surface expression is reported for macrophages and monocyte-derived dendritic cells.

Similarity:

Belongs to the MAM33 family.

SWISS:

Q07021

Gene ID:

708

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片

