

Product datasheet for **SP1096P**

C1QA Sheep Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ID
Recommended Dilution:	Immunodiffusion.
Reactivity:	Human
Host:	Sheep
Clonality:	Polyclonal
Immunogen:	Human C1q, purified from plasma
Specificity:	This antibody recognises C1q, a sub-component of the C1 complement component.
Formulation:	Glycine buffered saline pH7.4 containing 0.09% Sodium Azide, 0.1% EACA, 0.01% Benzamidine and 1mM EDTA State: Purified State: Liquid purified IgG
Purification:	Ion exchange chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	complement component 1, q subcomponent, A chain
Database Link:	Entrez Gene 712 Human P02745
Background:	<p>C1q is a sub-component of the first complement component C1, which is formed by the interaction of C1q with the tetramer C1s-C1r-C1r-C1s.</p> <p>C1q is a member of a family of soluble collagen-like proteins and is composed of three basic subunits termed C1QA, C1QB and C1QC which associate in the proportion 6 A-B subunits (52,750 Da) and 3 C-C subunits (47,600 Da), to form whole C1q (459,300 Da). C1q binds to IgG and IgM immune complexes, this activates C1r and C1s, which are also bound to C1q and so initiates the classical pathway of complement activation.</p>
Synonyms:	Complement C1q, Complement 1q



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