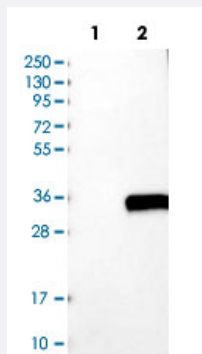


C1QA polyclonal antibody

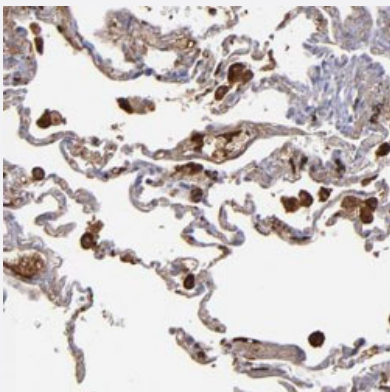
Catalog # PAB28554 Size 100 uL

Applications



Western Blot (Transfected lysate)

Western blot analysis of Lane 1: Negative control (vector only transfected HEK293T lysate), Lane 2: Over-expression Lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells) with C1QA polyclonal antibody (PAB28554).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human lung with C1QA polyclonal antibody (Cat # PAB28554) shows strong cytoplasmic positivity in macrophages.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant C1QA.
Immunogen	Recombinant protein corresponding to amino acids of recombinant C1QA.
Sequence	GSPGNIKDQPRPAFSAIRRNPPMGGNVVIFDITVNQEEPYNHSGRFVCTVPGYYYFTFQVLSQW EICLSIVSSSRGQVRRSLGFCDTTNKGLFQVVS GGMVLQLQQGDQVWVEKDPKKGHIYQGSEAD SVFS
Host	Rabbit
Reactivity	Human

Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry(-) Western Blot(-) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western blot analysis of Lane 1: Negative control (vector only transfected HEK293T lysate), Lane 2: Over-expression Lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells) with C1QA polyclonal antibody (PAB28554).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Gene Info — C1QA

Entrez GeneID	712
Protein Accession#	P02745
Gene Name	C1QA
Gene Alias	-
Gene Description	complement component 1, q subcomponent, A chain
Omim ID	120550
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a major constituent of the human complement subcomponent C1q. C1q associates with C1r and C1s in order to yield the first component of the serum complement system. Deficiency of C1q has been associated with lupus erythematosus and glomerulonephritis. C1q is composed of 18 polypeptide chains: six A-chains, six B-chains, and six C-chains. Each chain contains a collagen-like region located near the N terminus and a C-terminal globular region. The A-, B-, and C-chains are arranged in the order A-C-B on chromosome 1. This gene encodes the A-chain polypeptide of human complement subcomponent C1q. [provided by RefSeq]

Other Designations

OTTHUMP00000002936|complement component 1, q subcomponent, alpha polypeptide|complement component C1q, A chain

Pathway

- [Complement and coagulation cascades](#)
- [Prion diseases](#)
- [Systemic lupus erythematosus](#)

Disease

- [Amyloid Neuropathies](#)
- [Birth Weight](#)
- [Bone Neoplasms](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)

- [Leukemia](#)
- [Liver Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lupus Nephritis](#)
- [Lymphatic Metastasis](#)
- [Lymphoma](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Neoplasm Metastasis](#)