

CSP Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54213**Specification**

CSP Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	P06914
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38888

CSP Polyclonal Antibody - Additional Information**Other Names**

Circumsporozoite protein, CS, CSP

Dilution

IHC-P~N/A
IHC-F~N/A
IF~1:50~200
E~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

CSP Polyclonal Antibody - Protein Information

Name CSP {ECO:0000303|PubMed:3102479}

Function

Essential sporozoite protein (By similarity). In the mosquito vector, required for sporozoite development in the oocyst, migration through the vector hemolymph and entry into the vector salivary glands (By similarity). In the vertebrate host, required for sporozoite migration through the host dermis and infection of host hepatocytes (By similarity). Binds to highly sulfated heparan sulfate proteoglycans (HSPGs) on the surface of host hepatocytes (By similarity).

Cellular Location

Cell membrane {ECO:0000250|UniProtKB:P19597}; Lipid-anchor, GPI-anchor. Cytoplasm {ECO:0000250|UniProtKB:P23093}. Note=Localizes to the cytoplasm and the cell membrane in oocysts at day 6 post infection and then gradually distributes over the entire cell surface of the sporoblast and the budding sporozoites. {ECO:0000250|UniProtKB:P23093}

CSP Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CSP Polyclonal Antibody - Images