

Anti-CRP/SAP-1a [A13 P1B11*G7]

Catalogue number: 158030

Sub-type:

Images:

Contributor

Inventor: Abdo Alnabulsi

Institute: Vertebrate Antibodies Limited

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-CRP/SAP-1a [A13 P1B11*G7]

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: The classical pentraxins, C-reactive protein (CRP) and serum amyloid P component (SAP) are serum opsonins, which bind to damaged membranes and nuclear autoantigens. Pentraxins are important in the process of complement activation and clearance of apoptotic bodies through Fcγ receptors. Pentraxins are well conserved in arthropods, fish, amphibians, and mammals. In salmon, CRP/SAP-1a is reported as one of the major acute phase proteins (APPs) and were significantly up-regulated by recombinant cytokines (rIL-1 and rIFN-γ) in primary head kidney cells. This is the only commercial antibody available.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1 kappa

Reactivity: Salmonids

Selectivity:

Host: Mouse

Immunogen: Ovalbumin-conjugated synthetic peptide. Peptide immunogen is conserved in salmonids fish species.

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls: ELISA- Peptide immunogen WB- fish serum IHC- formalin-fixed, paraffin-embedded multi-tissue microarray

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Pentraxin precursor

Target alternate names:

Target background: The classical pentraxins, C-reactive protein (CRP) and serum amyloid P component (SAP) are serum opsonins, which bind to damaged membranes and nuclear autoantigens. Pentraxins are important in the process of complement activation and clearance of apoptotic bodies through Fcγ receptors. Pentraxins are well conserved in arthropods, fish, amphibians, and mammals. In salmon, CRP/SAP-1a is reported as one of the major acute phase proteins (APPs) and were significantly up-regulated by recombinant cytokines (rIL-1 and rIFN-γ) in primary head kidney cells. This is the only commercial antibody available.

Molecular weight: 26

Ic50:

Applications

Application: ELISA ; IHC ; WB

Application notes:

Handling

Format: Liquid
Concentration:
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer:
Storage conditions:
Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Epp, N., Fürstenberger, G., Müller, K., de Juanes, S., Leitges, K., Hausser, I., Thieme, F., Liebisch, G., Schmitz, G., and Krieg, P. 12R-lipoxygenase deficiency disrupts epidermal barrier function. J. Cell. Biol. 177, 173-182, 2007. PMID:17403930