Product datasheet

Anti-C Reactive Protein antibody ab31156

★★★★★ 2 Abreviews  3 References  1 Image

Overview

Product name  Anti-C Reactive Protein antibody
Description  Rabbit polyclonal to C Reactive Protein
Host species  Rabbit
Tested applications  Suitable for: ELISA, WB, Immunelectrophoresis, Immunodiffusion, IHC-P
Species reactivity  Reacts with: Human
Immunogen  Full length native protein (purified) (Human).
Positive control  This antibody gave a positive result in IHC in the following FFPE tissue: Human normal liver.

Properties

Form  Liquid
Storage buffer  pH: 7.20
Preservative: 0.02% Sodium azide
Constituents: 0.0268% PBS, 0.812% Sodium chloride
Purity  Protein A purified
Purification notes  Purity was determined by SDS PAGE (blue stain), showing that the IgG constitute was greater than 90% of total protein.
Clonality  Polyclonal
Isotype  IgG

Applications

Our Abpromise guarantee covers the use of ab31156 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
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<tbody>
<tr>
<td>ELISA</td>
<td>★★★★★</td>
<td>Use at an assay dependent concentration.</td>
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### Function
Displays several functions associated with host defense: it promotes agglutination, bacterial capsular swelling, phagocytosis and complement fixation through its calcium-dependent binding to phosphorylcholine. Can interact with DNA and histones and may scavenge nuclear material released from damaged circulating cells.

### Tissue specificity
Found in plasma.

### Sequence similarities
Belongs to the pentaxin family.
Contains 1 pentaxin domain.

### Cellular localization
Secreted.

### Images

**IHC image of C Reactive Protein staining in Human normal liver formalin fixed paraffin embedded tissue section, performed on a Leica BondTM system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab31156, 5µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.**

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

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