Datasheet for ABIN6989141
anti-GGCX antibody (AA 351-450)

Overview

<table>
<thead>
<tr>
<th>Quantity:</th>
<th>100 μL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Target:</td>
<td>GGCX</td>
</tr>
<tr>
<td>Binding Specificity:</td>
<td>AA 351-450</td>
</tr>
<tr>
<td>Reactivity:</td>
<td>Mouse</td>
</tr>
<tr>
<td>Host:</td>
<td>Rabbit</td>
</tr>
<tr>
<td>Clonality:</td>
<td>Polyclonal</td>
</tr>
<tr>
<td>Conjugate:</td>
<td>This GGCX antibody is un-conjugated</td>
</tr>
<tr>
<td>Application:</td>
<td>ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)</td>
</tr>
</tbody>
</table>

Product Details

<table>
<thead>
<tr>
<th>Immunogen:</th>
<th>KLH conjugated synthetic peptide derived from human GGCX</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isotype:</td>
<td>IgG</td>
</tr>
<tr>
<td>Predicted Reactivity:</td>
<td>Human,Rat</td>
</tr>
<tr>
<td>Purification:</td>
<td>Purified by Protein A.</td>
</tr>
</tbody>
</table>

Target Details

<table>
<thead>
<tr>
<th>Target:</th>
<th>GGCX</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alternative Name:</td>
<td>GGCX (GGCX Products)</td>
</tr>
</tbody>
</table>
Target Details

| Background | Mediates the vitamin K-dependent carboxylation of glutamate residues to calcium-binding gamma-carboxyglutamate (Gla) residues with the concomitant conversion of the reduced hydroquinone form of vitamin K to vitamin K epoxide. |
| Subcellular location: Cytoplasm, Cell membrane |
| Synonyms: Gamma glutamyl carboxylase, Gamma-glutamyl carboxylase, GC antibody GGCX, Peptidyl glutamate 4 carboxylase, Peptidyl-glutamate 4-carboxylase, Vitamin K dependent gamma carboxylase, Vitamin K gamma glutamyl carboxylase, Vitamin K-dependent gamma-carboxylase, VKCFD 1, VKCFD1, VKGC_HUMAN. |

| Gene ID | 2677 |
| UniProt | P38435 |
| Pathways | SARS-CoV-2 Protein Interactome |

Application Details

| Application Notes | ELISA 1:500-1000 |
| IHC-P 1:200-400 |
| IHC-F 1:100-500 |
| IF(IHC-P) 1:50-200 |
| IF(IHC-F) 1:50-200 |
| IF(ICC) 1:50-200 |
| ICC 1:100-500 |

| Restrictions | For Research Use only |

Handling

| Format | Liquid |
| Concentration | 1 μg/μL |
| Buffer | 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |
| Preservative | ProClin |
| Precaution of Use | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage | -20 °C |
| Storage Comment | Store at -20° C for one year. Avoid repeated freeze/thaw cycles. |
Handling

Expiry Date: 12 months