Anti Rat PAG Monoclonal Antibody

Clone No. 120

KO579

For research use only

This antibody was prepared by Dr. Takeshi Kaneko, Kyoto University.

Code No. KO579
Target PAG (Phosphate-activated Glutaminase)
Category Neuroscience
Gene ID 24398
Primary Source RGD:2707
Synonyms Glut; RATGLUT; Gls
Type Monoclonal Antibody
Immunogen Purified protein of Rat Brain PAG

Raised in Mouse
Myeloma P3-NS1/1-Ag4-1
Clone number 120
Purification Affinity Purified IgM
Source Serum-free medium
Isotype IgM
Cross Reactivity -
Label Unlabeled
Concentration 0.25 mg/mL
Contents (Volume) 50 μg ( 200 μL/vial)
Buffer PBS [containing 2% Block Ace as a stabilizer, 0.1% Proclin as a bacteriostat]
Storage Store at - 20 °C long term, store at 4 °C short term. Avoid repeated freeze-thaw cycles.
Application WB, IHC

<table>
<thead>
<tr>
<th>Application</th>
<th>ELISA</th>
<th>WB</th>
<th>IHC</th>
<th>ICC</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not tested</td>
<td>10</td>
<td>10</td>
<td>Not tested</td>
</tr>
<tr>
<td>IP</td>
<td></td>
<td>FCM</td>
<td>IF</td>
<td>Neutralization</td>
</tr>
<tr>
<td></td>
<td>Not tested</td>
<td>Not tested</td>
<td>Not tested</td>
<td>Not tested</td>
</tr>
</tbody>
</table>

Reference

UniPlot Summary
//Function: Catalyzes the first reaction in the primary pathway for the renal catabolism of glutamine.
//Subcellular location: Mitochondrion.
//Tissue specificity: Kidney, brain, and intestine.
//Sequence similarities: Belongs to the glutaminase family. Contains 1 ANK repeat.