

## Product Datasheet

# SGK1 Recombinant Rabbit Monoclonal Antibody (orb704332)

|                            |   |
|----------------------------|---|
| <b>Catalog Number</b>      | orb704332   |
| <b>Description</b>         | SGK1 Recombinant Rabbit Monoclonal Antibody   |
| <b>Species/Host</b>        | Rabbit  |
| <b>Reactivity</b>          | Human, Mouse  |
| <b>Conjugation</b>         | Unconjugated  |
| <b>Tested Applications</b> | IF, IHC-Fr, IHC-P, WB   |
| <b>Immunogen</b>           | KLH conjugated synthetic peptide derived from human SGK1  |
| <b>Target</b>              | SGK1  |
| <b>Preservatives</b>       | 0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.  |
| <b>Form/Appearance</b>     | Liquid  |
| <b>Concentration</b>       | 1mg/ml  |
| <b>Storage</b>             | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| <b>Note</b>                | For research use only   |
| <b>Isotype</b>             | IgG   |
| <b>Clonality</b>           | Recombinant   |
| <b>Clone Number</b>        | 6D1   |
| <b>Antibody Type</b>       | Recombinant Antibody  |

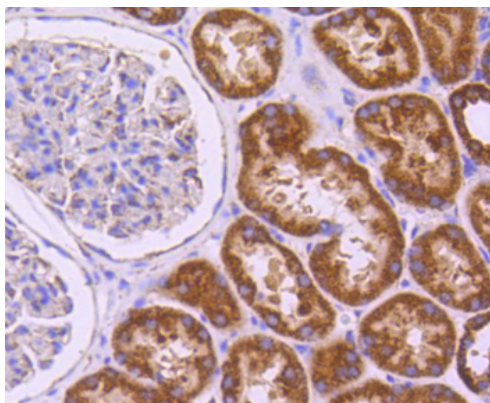
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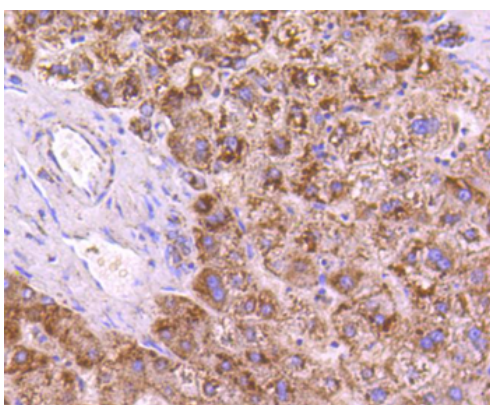
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|                        |   |
|------------------------|---|
| <b>MW</b>              | 55 kDa  |
| <b>Uniprot ID</b>      | <b>O00141</b>   |
| <b>Dilution Range</b>  | WB=1:500-1000, IHC-P=1:100-500, IHC-F=1:400-800, IF=1:100-500 |
| <b>Expiration Date</b> | 12 months from date of receipt.                               |



Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-SGK1 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (orb704332, 1/50) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



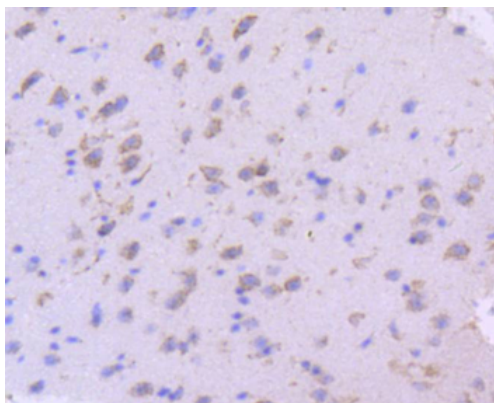
Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-SGK1 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (orb704332, 1/50) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.

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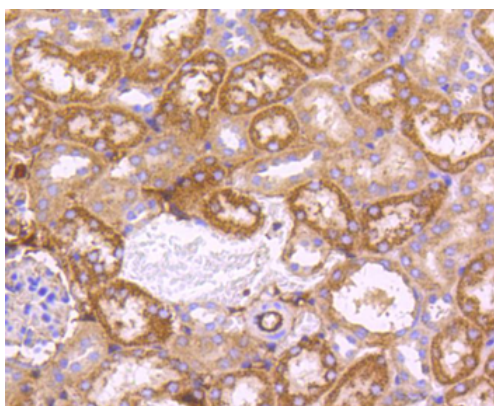
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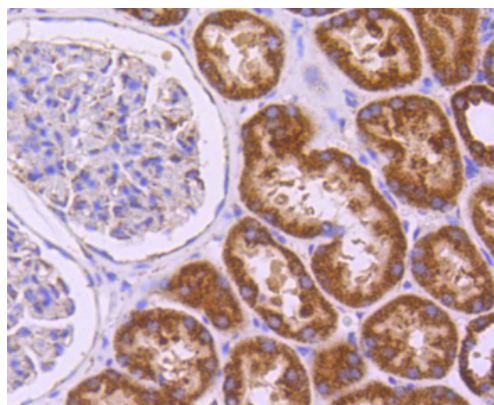
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Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-SGK1 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (orb704332, 1/50) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue using anti-SGK1 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (orb704332, 1/50) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



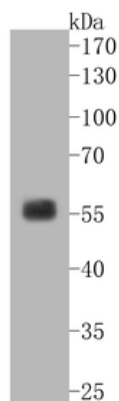
Immunohistochemical analysis of paraffin-embedded mouse liver tissue using anti-SGK1 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (orb704332, 1/50) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.

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Western blot analysis of SGK1 on human kidney tissue lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (orb704332, 1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:5000 dilution was used for 1 hour at room temperature.

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