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anti-SGK3 antibody (N-Term)

2 Images



Go to Product page

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| Quantity: | 100 μL |
|--|--|
| Target: | SGK3 |
| Binding Specificity: | N-Term |
| Reactivity: | Human, Mouse, Rat, Rabbit, Cow, Dog, Guinea Pig, Horse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This SGK3 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC) |
| Product Details | |
| | |
| Immunogen: | The immunogen is a synthetic peptide directed towards the N terminal region of human SGK3 |
| Immunogen: Sequence: | The immunogen is a synthetic peptide directed towards the N terminal region of human SGK3 LYNHPDVRAF LQMDSPKHQS DPSEDEDERS SQKLHSTSQN INLGPSGNPH |
| | |
| Sequence: | LYNHPDVRAF LQMDSPKHQS DPSEDEDERS SQKLHSTSQN INLGPSGNPH Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 93%, Rabbit: |
| Sequence: Predicted Reactivity: | LYNHPDVRAF LQMDSPKHQS DPSEDEDERS SQKLHSTSQN INLGPSGNPH Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 93% This is a rabbit polyclonal antibody against SGK3. It was validated on Western Blot using a cell |
| Sequence: Predicted Reactivity: Characteristics: | LYNHPDVRAF LQMDSPKHQS DPSEDEDERS SQKLHSTSQN INLGPSGNPH Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 93% This is a rabbit polyclonal antibody against SGK3. It was validated on Western Blot using a cell lysate as a positive control. |

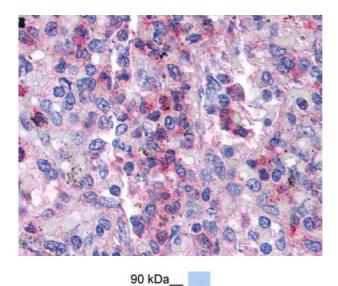
Target Details

| Alternative Name: | SGK3 (SGK3 Products) | |
|---------------------|---|--|
| Background: | The specific function of the protein remains unknown. This gene is a member of the Ser/Thr protein kinase family and encodes a phosphoprotein with a PX (phox homology) domain. The protein phosphorylates several target proteins and has a role in neutral amino acid transport and activation of potassium and chloride channels. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. Alias Symbols: CISK, DKFZp781N0293, SGK2, SGKL Protein Interaction Partner: UBC, NEDD4L, HSP90AA1, GSK3B, APP, ITCH, ESR1, GSK3A, SLC9A3R2, PDPK1, Protein Size: 464 | |
| Molecular Weight: | 53 kDa | |
| Gene ID: | 23678 | |
| NCBI Accession: | NM_170709, NP_733827 | |
| UniProt: | A6NEJ5 | |
| Application Details | | |
| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. | |
| Comment: | Antigen size: 464 AA | |
| Restrictions: | For Research Use only | |
| Handling | | |
| Format: | Liquid | |
| Concentration: | Lot specific | |
| Buffer: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose. | |
| Preservative: | Sodium azide | |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. | |
| | should be handled by trained staff only. | |
| Handling Advice: | Avoid repeated freeze-thaw cycles. | |

Storage Comment:

For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Immunohistochemistry

Image 1.

65 kDa__ 40 kDa__ 29 kDa__ 22 kDa__

Western Blotting

Image 2. WB Suggested Anti-SGK3 Antibody Titration: 0.2-

1 ug/ml

ELISA Titer: 1:1562500

Positive Control: SH-SYSY cell lysate