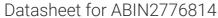
antibodies - online.com







anti-SLC13A3 antibody (N-Term)





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|--------|------|-----|-----|-----|
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| Quantity: | 100 μL | |
|-----------------------|---|--|
| Target: | SLC13A3 | |
| Binding Specificity: | N-Term | |
| Reactivity: | Human, Dog, Mouse, Rat, Rabbit, Cow, Guinea Pig, Horse, Zebrafish (Danio rerio) | |
| Host: | Rabbit | |
| Clonality: | Polyclonal | |
| Conjugate: | This SLC13A3 antibody is un-conjugated | |
| Application: | Western Blotting (WB) | |
| Product Details | | |
| Immunogen: | The immunogen is a synthetic peptide directed towards the N terminal region of human SLC13A3 | |
| Sequence: | MAVYWCTEAL PLSVTALLPI VLFPFMGILP SNKVCPQYFL DTNFLFLSGL | |
| Predicted Reactivity: | Cow: 93%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 93% | |
| Characteristics: | This is a rabbit polyclonal antibody against SLC13A3. It was validated on Western Blot using a cell lysate as a positive control. | |
| Purification: | Protein A purified | |
| Target Details | | |
| Target: | SLC13A3 | |
| | | |

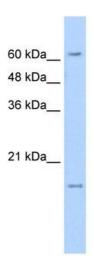
Target Details

| Alternative Name: | SLC13A3 (SLC13A3 Products) | | |
|---------------------|---|--|--|
| Background: | Mammalian sodium-dicarboxylate cotransporters transport succinate and other Krebs cycle intermediates. They fall into 2 categories based on their substrate affinity: low affinity and high | | |
| | affinity. Both the low- and high-affinity transporters play an important role in the handling of | | |
| | citrate by the kidneys. SLC13A3 represents the high-affinity form.Mammalian sodium- | | |
| | dicarboxylate cotransporters transport succinate and other Krebs cycle intermediates. They fal | | |
| | into 2 categories based on their substrate affinity: low affinity and high affinity. Both the low- | | |
| | and high-affinity transporters play an important role in the handling of citrate by the kidneys. | | |
| | The protein encoded by this gene represents the high-affinity form. Alternatively spliced | | |
| | transcript variants encoding different isoforms have been found for this gene, although the full- | | |
| | length nature of some of them have not been characterized yet. | | |
| | Alias Symbols: NADC3, SDCT2 | | |
| | Protein Size: 602 | | |
| Molecular Weight: | 66 kDa | | |
| Gene ID: | 64849 | | |
| NCBI Accession: | NM_022829, NP_073740 | | |
| UniProt: | Q8WWT9 | | |
| Pathways: | Dicarboxylic Acid Transport | | |
| Application Details | | | |
| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. | | |
| Comment: | Antigen size: 602 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 | | |
| | | | |

Handling

| | should be handled by trained staff only. | |
|------------------|---|--|
| Handling Advice: | Avoid repeated freeze-thaw cycles. | |
| Storage: | -20 °C | |
| 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



Western Blotting

Image 1. WB Suggested Anti-SLC13A3 Antibody Titration: 5.0ug/ml Positive Control: HepG2 cell lysate SLC13A3 is strongly supported by BioGPS gene expression data to be expressed in Human HepG2 cells