antibodies

Datasheet for ABIN2783632 anti-alpha-N-Acetylgalactosaminide alpha-2,6-Sialyltransferase 3 (SIA7C) (C-Term) antibody



Overview

| 00000000              |  |  |  |  |  |
|-----------------------|--|--|--|--|--|
| Quantity:             | 100 µL   |  |  |  |  |
| Target:               | alpha-N-Acetylgalactosaminide alpha-2,6-Sialyltransferase 3 (SIA7C)  |  |  |  |  |
| Binding Specificity:  | C-Term   |  |  |  |  |
| Reactivity:           | Human, Rat, Mouse, Horse, Pig, Dog, Zebrafish (Danio rerio)  |  |  |  |  |
| Host:                 | Rabbit   |  |  |  |  |
| Clonality:            | Polyclonal   |  |  |  |  |
| Conjugate:            | Un-conjugated  |  |  |  |  |
| Application:          | Western Blotting (WB)  |  |  |  |  |
| Product Details       |  |  |  |  |  |
| Immunogen:            | The immunogen is a synthetic peptide directed towards the C terminal region of human ST6GALNAC3                                      |  |  |  |  |
| Sequence:             | HYYEQGRDEC DEYFLHEHAP YGGHRFITEK KVFAKWAKKH RIIFTHPNWT   |  |  |  |  |
| Predicted Reactivity: | Dog: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rat: 100%, Zebrafish: 93%   |  |  |  |  |
| Characteristics:      | This is a rabbit polyclonal antibody against ST6GALNAC3. It was validated on Western Blot using a cell lysate as a positive control. |  |  |  |  |
| Purification:         | Affinity Purified  |  |  |  |  |
| Target Details        |  |  |  |  |  |
| Target:               | alpha-N-Acetylgalactosaminide alpha-2,6-Sialyltransferase 3 (SIA7C)  |  |  |  |  |
|                       |  |  |  |  |  |

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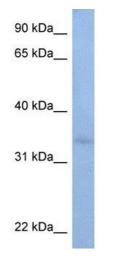


| Target Details      |   |  |  |  |  |
|---------------------|---|--|--|--|--|
| Alternative Name:   | ST6GALNAC3 (SIA7C Products)   |  |  |  |  |
| Background:         | ST6GALNAC3 belongs to a family of sialyltransferases that transfer sialic acids from CMP-<br>sialic acid to terminal positions of carbohydrate groups in glycoproteins and<br>glycolipids.ST6GALNAC3 belongs to a family of sialyltransferases that transfer sialic acids from<br>CMP-sialic acid to terminal positions of carbohydrate groups in glycoproteins and glycolipids<br>(Lee et al., 1999 [PubMed 10207017]).[supplied by OMIM].<br>Alias Symbols: PR07177, SIAT7C, ST6GALNACIII, STY<br>Protein Size: 305 |  |  |  |  |
| Molecular Weight:   | 35 kDa  |  |  |  |  |
| Gene ID:            | 256435  |  |  |  |  |
| NCBI Accession:     | NM_152996, NP_694541  |  |  |  |  |
| UniProt:            | Q8NDV1  |  |  |  |  |
| Application Details |   |  |  |  |  |
| Application Notes:  | Optimal working dilutions should be determined experimentally by the investigator.  |  |  |  |  |
| Comment:            | Antigen size: 305 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.                  |  |  |  |  |  |
| 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. |  |  |  |  |  |

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| Western Blotting |       |        |               |                       |          |  |  |  |
|------------------|-------|--------|---------------|-----------------------|----------|--|--|--|
| Image            | 1.    | WB     | Suggested     | Anti-ST6GALNAC3       | Antibody |  |  |  |
| Titratio         | n: 0. | 2-1 uç | g/ml Positive | Control: HepG2 cell I | ysate    |  |  |  |
|                  |       |        |               |                       |          |  |  |  |
|                  |       |        |               |                       |          |  |  |  |
|                  |       |        |               |                       |          |  |  |  |
|                  |       |        |               |                       |          |  |  |  |

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