

Anti-CAT-4 SLC7A4 Antibody

Catalog Number: A12638

About SLC7A4

Catalyzes the transfer of sulfate to position 4 of the N-acetylgalactosamine (GalNAc) residue of chondroitin. Chondroitin sulfate constitutes the predominant proteoglycan present in cartilage and is distributed on the surfaces of many cells and extracellular matrices. Transfers sulfate to the C4 hydroxyl of beta1,4-linked GalNAc that is substituted with a beta-linked glucuronic acid at the C-3 hydroxyl. No activity toward dermatan.

Kang H.-G., J. Biol. Chem. 277:34766-34772(2002).

Overview

| | |
|----------------------|--|
| Product Name | Anti-CAT-4 SLC7A4 Antibody |
| Reactive Species | Human |
| Description | Boster Bio Anti-CAT-4 SLC7A4 Antibody catalog # A12638. Tested in ELISA, WB applications. This antibody reacts with Human. |
| Application | ELISA, WB |
| Clonality | Polyclonal |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Storage Instructions | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles. |
| Host | Rabbit |
| Uniprot ID | O43246 |

Technical Details

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| Immunogen | Synthesized peptide derived from human CAT-4 |
| Predicted Reactive Species | Chimpanzee, Drosophila, Macaque |
| Isotype | IgG |
| Form | Liquid |
| Concentration | 1 mg/ml |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Suggested Dilutions | Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. |

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.
Some PubMed article(s) citing the expression level of this target are as follows:
Boster Bio's internal QC testing used:
WB 1:500-1:2000
ELISA 1:10000

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