

Anti-14-3-3 Zeta (phospho-S58) YWHAZ Antibody

Catalog Number: A01141S58

About YWHAZ

This protein mediates the voltage-dependent sodium ion permeability of excitable membranes. Assuming opened or closed conformations in response to the voltage difference across the membrane, the protein forms a sodium-selective channel through which Na⁺ ions may pass in accordance with their electrochemical gradient. This sodium channel may be present in both denervated and innervated skeletal muscle.

George A.L. Jr., Ann. Neurol. 31:131-137(1992).

Wang J., Biochem. Biophys. Res. Commun. 182:794-801(1992).

Tsujino A., Proc. Natl. Acad. Sci. U.S.A. 100:7377-7382(2003).

Overview

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|----------------------|---|
| Product Name | Anti-14-3-3 Zeta (phospho-S58) YWHAZ Antibody |
| Reactive Species | Human, Mouse, Rat |
| Description | Boster Bio Anti-14-3-3 Zeta (phospho-S58) YWHAZ Antibody catalog # A01141S58. Tested in WB,IHC applications. This antibody reacts with Human,Mouse,Rat. |
| Application | IHC, WB |
| Clonality | Polyclonal |
| Formulation | Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2 |
| 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 | P63104 |

Technical Details

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| Immunogen | Synthesized peptide derived from human 14-3-3 beta/zeta around the phosphorylation site of S184/186. |
| Predicted Reactive Species | Boar, Bovine, Canine, Golden Hamster |
| Cross Reactivity | No cross reactivity with other proteins. |
| Isotype | IgG |
| Form | Liquid |
| Concentration | 1 mg/ml |

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|---------------------|--|
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE). |
| Suggested Dilutions | <p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>WB: 1:500-1:1000</p> <p>IHC: 1:50-1:200</p> |

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