

## Anti-ERCC2 Antibody

Catalog Number: A00694-1

### About ERCC2

Couples tyrosine kinase signals with the activation of the Rho/Rac GTPases, thus leading to cell differentiation and/or proliferation.

Ana V. Miletic, J. Biol. Chem., Dec 2006; 281: 38257 - 38265.

Christopher C. Stebbins, Mol. Cell. Biol., Sep 2003; 23: 6291 - 6299.

Vered Schapira, Cancer Res., Jun 2006; 66: 6183 - 6191.

Maya Groysman, J. Biol. Chem., Dec 2002; 277: 50121 - 50130.

### Overview

|                      |                                                                                                                                            |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name         | Anti-ERCC2 Antibody                                                                                                                        |
| Reactive Species     | Human, Mouse                                                                                                                               |
| Description          | Boster Bio Anti-ERCC2 Antibody catalog # A00694-1. Tested in ELISA, WB applications. This antibody reacts with Human, Mouse.               |
| Application          | ELISA, WB                                                                                                                                  |
| Clonality            | Polyclonal                                                                                                                                 |
| Formulation          | Liquid form in PBS containing 50% glycerol, 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           | P18074                                                                                                                                     |

### Technical Details

|                            |                                                                                             |
|----------------------------|---------------------------------------------------------------------------------------------|
| Immunogen                  | Synthesized peptide derived from human ERCC2 protein.                                       |
| Predicted Reactive Species | Boar, Bovine, Canine, Golden Hamster                                                        |
| Cross Reactivity           | No cross reactivity with other proteins.                                                    |
| Isotype                    | IgG                                                                                         |
| Form                       | Liquid                                                                                      |
| Concentration              | 1 mg/ml                                                                                     |
| Purification               | ERCC2 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using |

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                     | epitope-specific immunogen.                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 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:<br/>WB 1:500-2000 ELISA 1:5000-20000</p> |

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