

## Anti-SOX12 Antibody

Catalog Number: A11606-2

### About SOX12

Members of the SOX family of transcription factors are characterized by the presence of a DNA-binding high mobility group (HMG) domain, homologous to the HMG box of sex-determining region Y (SRY). Forming a subgroup of the HMG domain superfamily, SOX proteins have been implicated in cell fate decisions in a diverse range of developmental processes. SOX transcription factors have diverse tissue-specific expression patterns during early development and have been proposed to act as target-specific transcription factors and/or as chromatin structure regulatory elements. The protein encoded by this gene was identified as a SOX family member based on conserved domains, and its expression in various tissues suggests a role in both differentiation and maintenance of several cell types.

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-SOX12 Antibody  |
| Reactive Species     | Human, Mouse   |
| Description          | Boster Bio Anti-SOX12 Antibody catalog # A11606-2. Tested in WB, ELISA applications. This antibody reacts with Human, Mouse.   |
| Application          | ELISA, WB  |
| Clonality            | Polyclonal   |
| Formulation          | 500 ug/ml antibody with PBS, 0.02% NaN <sub>3</sub> , 1 mg stabilizing protein and 50% glycerol<br>This antibody is supplied in a stabilized formulation.<br>Compatibility with conjugation reactions depends on the chemistry of the conjugation method used.<br>For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required. |
| Storage Instructions | 12 months from date of receipt at -20°C as supplied. 6 months at 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.   |
| Host                 | Rabbit   |
| Uniprot ID           | O15370   |

### Technical Details

|                     |   |
|---------------------|---|
| Immunogen           | E.coli-derived human SOX12 recombinant protein (Position: 3-312). |
| Form                | Liquid  |
| Concentration       | 500 ug/ml   |
| Purification        | Immunogen affinity purified.                                      |
| Suggested Dilutions | Western blot, 1:500-2000  |

ELISA, 1:100-1000

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Anti-SOX12 Antibody

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