

## PRODUCT SPECIFICATION

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|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name                   | Anti-POSTN                                                                                                                                                                                                                    |
| Product Number                 | HPA012306                                                                                                                                                                                                                     |
| Gene Description               | periostin, osteoblast specific factor                                                                                                                                                                                         |
| Clonality                      | Polyclonal                                                                                                                                                                                                                    |
| Isotype                        | lgG                                                                                                                                                                                                                           |
| Host                           | Rabbit                                                                                                                                                                                                                        |
| Antigen Sequence               | Recombinant Protein Epitope Signature Tag (PrEST) antigen sequence:<br>GLFINHYPNGVVTVNCARIIHGNQIATNGVVHVIDRVLTQIGTSIQDFIE<br>AEDDLSSFRAAAITSDILEALGRDGHFTLFAPTNEAFEKLPRGVLERIMG<br>DKVASEALMKYHILNTLQCSESIMGGAVFETLEG         |
| Purification Method            | Affinity purified using the PrEST antigen as affinity ligand                                                                                                                                                                  |
| Verified Species<br>Reactivity | Human                                                                                                                                                                                                                         |
| Recommended<br>Applications    | IHC (Immunohistochemistry)<br>- Antibody dilution: 1:50 - 1:200<br>- Retrieval method: HIER pH6<br>WB (Western Blot)<br>- Working concentration: 0.04-0.4 μg/ml                                                               |
| Characterization Data          | Available at atlasantibodies.com/products/HPA012306                                                                                                                                                                           |
| Buffer                         | 40% glycerol and PBS (pH 7.2). 0.02% sodium azide is added as preservative.                                                                                                                                                   |
| Concentration                  | Lot dependent                                                                                                                                                                                                                 |
| Storage                        | Store at +4°C for short term storage. Long time storage is recommended at -20°C.                                                                                                                                              |
| Notes                          | Gently mix before use. Optimal concentrations and conditions for each application should be determined by the user.<br>For protocols, additional product information, such as images and references, see atlasantibodies.com. |

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