

# Anti-S100A10 Picoband Antibody

Catalog # ABO10257

## Product Information

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|--------------------------|---------------------------------------------------------------------------------------------------------------|
| <b>Application</b>       | WB, IHC-P, E                                                                                                  |
| <b>Primary Accession</b> | <a href="#">A02787-2</a>                                                                                      |
| <b>Host</b>              | Rabbit                                                                                                        |
| <b>Reactivity</b>        | Human, Mouse, Rat                                                                                             |
| <b>Clonality</b>         | Polyclonal                                                                                                    |
| <b>Format</b>            | Lyophilized                                                                                                   |
| <b>Description</b>       | Rabbit IgG polyclonal antibody for S100A10 detection. Tested with WB, IHC-P, Direct ELISA in Human;Mouse;Rat. |
| <b>Reconstitution</b>    | Add 0.2ml of distilled water will yield a concentration of 500ug/ml.                                          |

## Additional Information

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| <b>Application Details</b> | Western blot, 0.1-0.5 $\mu$ g/ml<br>Immunohistochemistry(Paraffin-embedded Section), 0.5-1 $\mu$ g/ml<br>Direct ELISA, 0.1-0.5 $\mu$ g/ml                                               |
| <b>Contents</b>            | Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg NaN <sub>3</sub> .                                                                        |
| <b>Immunogen</b>           | E. coli-derived human S100A10 recombinant protein (Position: Q4-K94).                                                                                                                   |
| <b>Cross Reactivity</b>    | No cross reactivity with other proteins.                                                                                                                                                |
| <b>Storage</b>             | At -20° C; for one year. After r° Constitution, at 4° C; for one month. It° Can also be aliquotted and stored frozen at -20° C; for a longer time. Avoid repeated freezing and thawing. |

## Protein Information

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## Background

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S100 calcium-binding protein A10 (S100A10), also known as p11, is a protein that is encoded by the S100A10 gene in humans and the S100a10 gene in other species. The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein may function in exocytosis and endocytosis.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.