

Product datasheet

Anti-proBNP antibody ab14352

Overview

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|----------------------------|---|
| Product name | Anti-proBNP antibody |
| Description | Goat polyclonal to proBNP |
| Host species | Goat |
| Specificity | Synthetic human proBNP (aa 32-57). There were no cross reactivities obtained with human proBNP (aa 8-29). |
| Tested applications | Suitable for: Sandwich ELISA, IHC-P |
| Species reactivity | Reacts with: Human |
| Immunogen | Synthetic peptide: QVEQTSLEPLQESPRPTGVWKSREVA , corresponding to amino acids 32-57 of Human proBNP. |
| | Run BLAST with Run BLAST with |

Properties

| | |
|-----------------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |
| Storage buffer | Constituent: Whole serum |
| Purity | Whole antiserum |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

Our [Abpromise guarantee](#) covers the use of **ab14352** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|----------------|-----------|--|
| Sandwich ELISA | | 1/5000. Suitable for use as capture antibody in sandwich ELISA. |

| Application | Abreviews | Notes |
|-------------|-----------|--------|
| IHC-P | | 1/100. |

Target

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|------------------------------|--|
| Function | Cardiac hormone which may function as a paracrine antifibrotic factor in the heart. Also plays a key role in cardiovascular homeostasis through natriuresis, diuresis, vasorelaxation, and inhibition of renin and aldosterone secretion. Specifically binds and stimulates the cGMP production of the NPR1 receptor. Binds the clearance receptor NPR3. |
| Tissue specificity | Brain and also in atria, but at much lower levels than ANP. |
| Sequence similarities | Belongs to the natriuretic peptide family. |
| Cellular localization | Secreted. |

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