

# Product Datasheet

## **Tryptophan Hydroxylase 1/TPH-1 Antibody (145) - Azide and BSA Free NBP2-90022-100ul**

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-90022-100ul****Tryptophan Hydroxylase 1/TPH-1 Antibody (145) - Azide and BSA Free**

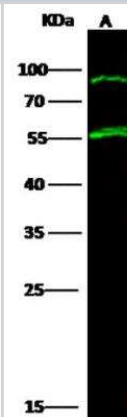
| <b>Product Information</b> |                                                                                             |
|----------------------------|---------------------------------------------------------------------------------------------|
| <b>Unit Size</b>           | 100 ul                                                                                      |
| <b>Concentration</b>       | Please see the vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>             | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.      |
| <b>Clonality</b>           | Monoclonal                                                                                  |
| <b>Clone</b>               | 145                                                                                         |
| <b>Preservative</b>        | No Preservative                                                                             |
| <b>Isotype</b>             | IgG                                                                                         |
| <b>Purity</b>              | Protein A purified                                                                          |
| <b>Buffer</b>              | 0.2 um filtered solution in PBS                                                             |

| <b>Product Description</b> |                                                                                                                                                                                                                             |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>         | This antibody can be stored at 2C-8C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20C to -80C. Avoid repeated freeze-thaw cycles. |
| <b>Host</b>                | Rabbit                                                                                                                                                                                                                      |
| <b>Gene ID</b>             | 7166                                                                                                                                                                                                                        |
| <b>Gene Symbol</b>         | TPH1                                                                                                                                                                                                                        |
| <b>Species</b>             | Human                                                                                                                                                                                                                       |
| <b>Immunogen</b>           | This antibody was obtained from a rabbit immunized with purified, recombinant Human Tryptophan Hydroxylase 1/TPH-1 (Uniprot#: P17752-1; Ile2-Ile444).                                                                       |

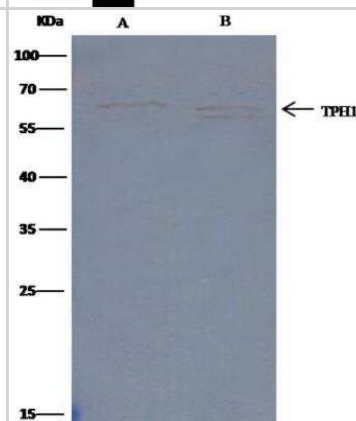
| <b>Product Application Details</b> |                                                                      |
|------------------------------------|----------------------------------------------------------------------|
| <b>Applications</b>                | Western Blot, Immunoprecipitation                                    |
| <b>Recommended Dilutions</b>       | Western Blot 1:500-1:1000, Immunoprecipitation 0.2-1 ul/mg of lysate |

## Images

Western Blot: Tryptophan Hydroxylase 1/TPH-1 Antibody (145) [NBP2-90022] - Lane A: THP1 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size:55 kDa Observed band size:55 kDa (We are unsure as to the identity of these extra bands.)



Immunoprecipitation: Tryptophan Hydroxylase 1/TPH-1 Antibody (145) [NBP2-90022] - Lane A:0.5 mg Jurkat Whole Cell Lysate Lane B:0.5 mg THP-1 Whole Cell Lysate 0.5 uL anti-TPH1 rabbit monoclonal antibody and 60 ug of Immunomagnetic beads Protein G. Primary antibody: Anti-TPH1 rabbit monoclonal antibody, at 1:500 dilution Secondary antibody: Clean-Bloto IP Detection Reagent (HRP) at 1:500 dilution Developed using the DAB staining technique. Performed under reducing conditions. Predicted band size: 55 kDa Observed band size: 60 kDa





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### **Products Related to NBP2-90022-100ul**

|                    |                                                                       |
|--------------------|-----------------------------------------------------------------------|
| HAF008             | Goat anti-Rabbit IgG Secondary Antibody [HRP]                         |
| NB7160             | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]                   |
| NBP2-24891         | Rabbit IgG Isotype Control                                            |
| H00007166-P01-10ug | Recombinant Human Tryptophan Hydroxylase 1/TPH-1 GST (N-Term) Protein |

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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