

# Product Datasheet

## Cyclophilin A Antibody NB100-2467

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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### Publications: 1

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**NB100-2467****Cyclophilin A Antibody**

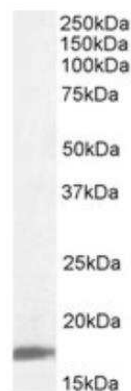
| Product Information |                                                        |
|---------------------|--------------------------------------------------------|
| Unit Size           | 0.1 mg                                                 |
| Concentration       | 0.5 mg/ml                                              |
| Storage             | Store at -20C. Avoid freeze-thaw cycles.               |
| Clonality           | Polyclonal                                             |
| Preservative        | 0.02% Sodium Azide                                     |
| Isotype             | IgG                                                    |
| Purity              | Immunogen affinity purified                            |
| Buffer              | Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA |

| Product Description     |                                                                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description             | Novus Biologicals Goat Cyclophilin A Antibody (NB100-2467) is a polyclonal antibody validated for use in WB and ELISA. Anti-Cyclophilin A Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                    | Goat                                                                                                                                                                                                                                            |
| Gene ID                 | 5478                                                                                                                                                                                                                                            |
| Gene Symbol             | PPIA                                                                                                                                                                                                                                            |
| Species                 | Human                                                                                                                                                                                                                                           |
| Specificity/Sensitivity | This product is expected to also recognise PPIAL (NP_001008741.1, GeneID: 388817) which is identical to PPIA (NP_066953.1).                                                                                                                     |
| Immunogen               | Peptide with sequence C-ERFGSRNGKTSKK corresponding to internal region according to NP_066953.1.                                                                                                                                                |

| Product Application Details |                                                                                                                      |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, Peptide ELISA                                                                                          |
| Recommended Dilutions       | Western Blot 0.1 - 0.3 ug/ml, Peptide ELISA Detection limit 1:8000                                                   |
| Application Notes           | WB: Approx. 18 kDa band observed in human lymph node lysates (calculated MW 18.0 kDa band according to NP_066953.1), |

**Images**

Western Blot: Cyclophilin A Antibody [NB100-2467] - Staining of Human Lymph Node lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.

**Publications**

Berthoux L, Sebastian S, Sokolskaja E, Luban J. Cyclophilin A is required for TRIM5{alpha}-mediated resistance to HIV-1 in Old World monkey cells. Proc Natl Acad Sci U S A 2005-10-11 [PMID: 16203999]





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### **Products Related to NB100-2467**

|                 |                                                                        |
|-----------------|------------------------------------------------------------------------|
| NB820-59242     | Human Lymph Node Whole Tissue Lysate (Adult Whole Normal)              |
| HAF017          | Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| HAF109          | Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| NB410-28088-1mg | Goat IgG Isotype Control                                               |

### **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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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