

# Product Datasheet

## APOBEC2 Antibody NB100-93372

Unit Size: 0.1 mg

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

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### Publications: 1

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**NB100-93372**

## APOBEC2 Antibody

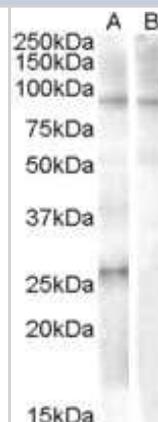
| Product Information     |  |
|-------------------------|--|
| Unit Size               | 0.1 mg   |
| Concentration           | 0.5 mg/ml  |
| Storage                 | Store at -20C. Avoid freeze-thaw cycles.               |
| Clonality               | Polyclonal   |
| Preservative            | 0.02% Sodium Azide                                     |
| Isotype                 | IgG  |
| Purity                  | Immunogen affinity purified                            |
| Buffer                  | Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA |
| Target Molecular Weight | 26 kDa   |

| Product Description |  |
|---------------------|--|
| Description         | Novus Biologicals Goat APOBEC2 Antibody (NB100-93372) is a polyclonal antibody validated for use in WB and ELISA. Anti-APOBEC2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                | Goat   |
| Gene ID             | 10930  |
| Gene Symbol         | APOBEC2  |
| Species             | Human  |
| Immunogen           | Peptide with sequence C-EAASQNGEDLENLDD corresponding to internal region (near N-Terminus) according to NP_006780.1.   |

| Product Application Details |  |
|-----------------------------|--|
| Applications                | Western Blot, Peptide ELISA  |
| Recommended Dilutions       | Western Blot 1 - 3 ug/ml, Peptide ELISA Detection limit 1:1000   |
| Application Notes           | WB: Approx. 26 kDa band observed in human heart and skeletal muscle lysates (calculated MW of 25.7 kDa band according to NP_006780.1). An additional band of 90 kDa band was consistently observed, however this band was not blocked by the immunizing peptide and it is therefore a non-specific signal. We call for caution when used for other assays than WB. |

**Images**

Western Blot: APOBEC2 Antibody [NB100-93372] - (1ug/ml) staining of Human Heart lysate (35ug protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide. Primary incubation was 1 hour. Detected by chemiluminescence.



## Publications

Prochnow C, Bransteitter R, Klein MG et al. The APOBEC-2 crystal structure and functional implications for the deaminase AID. Nature 2007-01-25 [PMID: 17187054]





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### **Products Related to NB100-93372**

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|                 |  |
|-----------------|--|
| NBP2-33376H     | Blue Marker Antibody (6F4-F6) [HRP]                                    |
| 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   |

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### **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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