

# Product Datasheet

## F-box protein 43 Antibody NB100-2455

Unit Size: 0.1 mg

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

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### Publications: 2

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**NB100-2455****F-box protein 43 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 F-box protein 43 Antibody (NB100-2455) is a polyclonal antibody validated for use in WB, Flow and ICC/IF. Anti-F-box protein 43 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                | Goat                                                                                                                                                                                                                                                          |
| Gene ID             | 286151                                                                                                                                                                                                                                                        |
| Gene Symbol         | FBXO43                                                                                                                                                                                                                                                        |
| Species             | Mouse, Rat                                                                                                                                                                                                                                                    |
| Reactivity Notes    | Rat reactivity reported in scientific literature (PMID: 19802389).                                                                                                                                                                                            |
| Immunogen           | Peptide with sequence C-PGSAQSKRNLKRL corresponding to C-Terminus according to NP_001025031.2.                                                                                                                                                                |

| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence                                                                                                                                                                                                                                                                                                                                  |
| Recommended Dilutions       | Western Blot 0.3 - 1 ug/ml, Flow Cytometry 5 - 10 ug/ml, Immunocytochemistry/ Immunofluorescence 5 - 10 ug/ml                                                                                                                                                                                                                                                                                          |
| Application Notes           | Flow cytometry successful usage on rat meiotic testis cells is reported in scientific literature (PMID: 19802389). WB successful usage on rat pachytene spermatocytes showing a 71 kDa band is reported in scientific literature (PMID: 19802389) and in mouse oocytes is reported in scientific literature (PMID: 22302686). This antibody has been successfully used in WB in human (PMID:27605379). |

**Images**

Western Blot: F-box protein 43 Antibody [NB100-2455] - Antibody at 0.3ug/ml. Mouse ovary lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
  
25kDa  
20kDa  
15kDa

## Publications

Jin J, Cardozo T, Lovering RC et al. Systematic analysis and nomenclature of mammalian F-box proteins. *Genes Dev* 2004-11-01 [PMID: 15520277]

Perrard MH, Chassaing E, Montillet G et al. Cytostatic Factor Proteins Are Present in Male Meiotic Cells and Beta-Nerve Growth Factor Increases Mos Levels in Rat Late Spermatocytes. *PLoS One* 2009-10-01 [PMID: 19802389] (WB, FLOW, Rat)





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### **Products Related to NB100-2455**

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|                 |                                                                        |
|-----------------|------------------------------------------------------------------------|
| NB800-PC6       | 293 Whole Cell Lysate                                                  |
| 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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