

# Product Datasheet

## JWA Antibody NB100-1105

Unit Size: 0.1 mg

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

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[technical@novusbio.com](mailto:technical@novusbio.com)

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**NB100-1105**

JWA 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         |  |
| Host                        | Goat   |
| Gene ID                     | 10550  |
| Gene Symbol                 | ARL6IP5  |
| Species                     | Human, Mouse   |
| Reactivity Notes            | Mouse reactivity reported in scientific literature (PMID:19208635).  |
| Immunogen                   | Peptide with sequence C-NRLTDYISKVKE corresponding to C-Terminus according to NP_006398.1.   |
| Product Application Details |  |
| Applications                | Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA   |
| Recommended Dilutions       | Western Blot 0.1 - 0.3 ug/ml, Immunohistochemistry 3.75 ug/ml, Immunohistochemistry-Paraffin 3.75 ug/ml, Peptide ELISA Detection limit 1:32000                             |
| Application Notes           | WB: Approx. 20 kDa band observed in human brain lysates (predicted MW of 21.6 kDa band according to NP_006398.1). IHC: Paraffin embedded Human Tonsil and Small Intestine. |

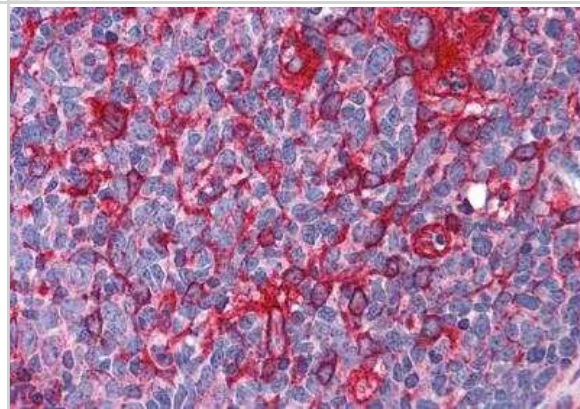


## Images

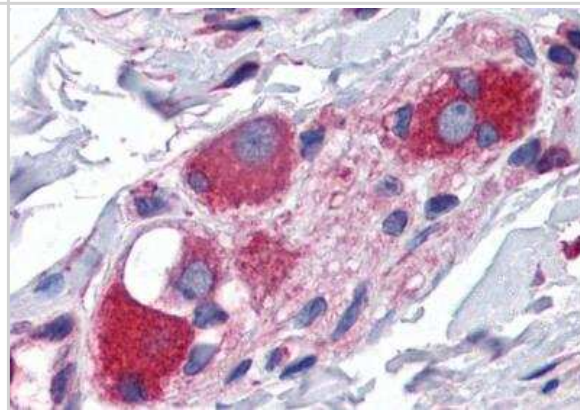
Western Blot: JWA Antibody [NB100-1105] - Staining of Human Brain lysate (RIPA buffer, 35 ug total protein per lane). Primary incubated for 1 hour. Detected by chemiluminescence.

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa  
10kDa

Immunohistochemistry-Paraffin: JWA Antibody [NB100-1105] - Staining of Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Immunohistochemistry-Paraffin: JWA Antibody [NB100-1105] - Staining of Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



## Publications

Lin CI, Orlov I, Ruggiero AM et al. Modulation of the neuronal glutamate transporter EAAC1 by the interacting protein GTRAP3-18. *Nature* 2001-03-01 [PMID: 11242046]

Wang S, Gong Z, Chen R et al. JWA regulates XRCC1 and functions as a novel base excision repair protein in oxidative-stress-induced DNA single-strand breaks. *Nucleic Acids Res.* 2009-04-01 [PMID: 19208635] (WB, Mouse)

Details:

WB (mouse NIH-3T3 cells), Figs. 1B; 2B,C; 3E,F; 5E.



### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
novus@novusbio.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: technical@novusbio.com  
Orders: orders@novusbio.com  
General: novus@novusbio.com

### **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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