

# Product Datasheet

## AKR1A1 Antibody - Azide and BSA Free NBP3-03447-100ul

Unit Size: 100 ul

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

[www.novusbio.com](http://www.novusbio.com)



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

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP3-03447](http://www.novusbio.com/NBP3-03447)

Updated 9/9/2025 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP3-03447](http://www.novusbio.com/reviews/destination/NBP3-03447)



**NBP3-03447-100ul**

AKR1A1 Antibody - Azide and BSA Free

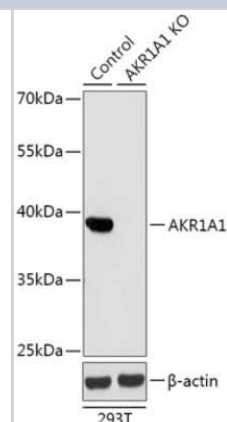
| Product Information     |   |
|-------------------------|---|
| Unit Size               | 100 ul  |
| Concentration           | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage                 | Store at -20C. Avoid freeze-thaw cycles.  |
| Clonality               | Polyclonal  |
| Preservative            | 0.01% Thimerosal  |
| Isotype                 | IgG   |
| Purity                  | Affinity purified   |
| Buffer                  | PBS (pH 7.3), 50% glycerol  |
| Target Molecular Weight | 36 kDa  |

| Product Description |   |
|---------------------|---|
| Description         | Novus Biologicals Knockout (KO) Validated Rabbit AKR1A1 Antibody - Azide and BSA Free (NBP3-03447) is a polyclonal antibody validated for use in WB. All Novus Biologicals antibodies are covered by our 100% guarantee.  |
| Host                | Rabbit  |
| Gene ID             | 10327   |
| Gene Symbol         | AKR1A1  |
| Species             | Human, Mouse, Rat   |
| Immunogen           | Recombinant fusion protein containing a sequence corresponding to amino acids 1-325 of human AKR1A1 (NP_006057.1).<br>MAASCVLLHTGQKMPLIGLGTWKSEPGQVKA AVKYALSVGYRHIDCAAIYGNPEIGEALKEDVGP GKAVPREELFVTSKLVNTKHHPEDVEPALRKT LADLQLEYL DLYLMHWPYAFERGDNPFPKNADGTICYDSTHYKETWKALEALVAKGLVQAL GLSNFNSRQIDDILSVASVRPAVLQVECHPYLAQNELIAHCQARGLEVTAYSPL GSSDRAWRPDEPVLLEEPVVLALAEKYGRSPAQILLRWQVQRKVICIPKSITP SRILQNIKVFDFTFSP EEMKQLNALNKNWRYIVPMLTVDGKRVPRDAGHPLYFPNDPY |

| Product Application Details |   |
|-----------------------------|---|
| Applications                | Western Blot, Knockout Validated              |
| Recommended Dilutions       | Western Blot 1:500-1:2000, Knockout Validated |

**Images**

Western Blot: AKR1A1 Antibody [NBP3-03447] - Analysis of extracts from normal (control) and AKR1A1 knockout (KO) 293T cells, using AKR1A1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.





### 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  
nb-customerservice@bio-techne.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: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### Products Related to NBP3-03447-100ul

---

|             |   |
|-------------|---|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP]                 |
| HAF008      | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160      | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891  | Rabbit 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)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP3-03447](http://www.novusbio.com/reviews/submit/NBP3-03447)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

