

# Product Datasheet

## DRAM Antibody - BSA Free **NBP1-76759**

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP1-76759**

DRAM Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Peptide affinity purified
<b>Buffer</b>	PBS
<b>Target Molecular Weight</b>	14, 26 kDa

**Product Description**

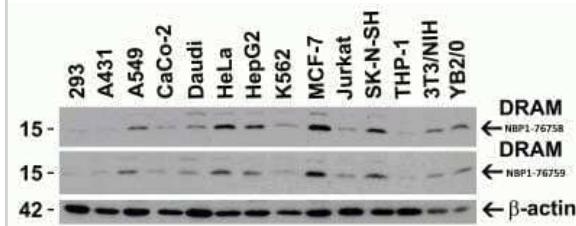
<b>Description</b>	Novus Biologicals Rabbit DRAM Antibody - BSA Free (NBP1-76759) is a polyclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	55332
<b>Gene Symbol</b>	DRAM1
<b>Species</b>	Human, Mouse, Rat
<b>Specificity/Sensitivity</b>	Human DRAM has 2 isoforms, including isoform 1 (238aa, 26kD) and isoform 2 (128aa, 14kD). Mouse DRAM also has 2 isoforms, including isoform 1 (238aa, 26kD) and isoform 2 (132aa, 15kD). Rat DRAM has only one isoform (238aa, 26kD). NBP1-76759 can detect both human isoforms , and also detect mouse and rat.
<b>Immunogen</b>	Antibody was raised against a peptide corresponding to 16 amino acids near the amino terminus of human DRAM. The immunogen is located within amino acids 30-80 of DRAM. Amino Acid Sequence: LPYISDTGTPPESGI

**Product Application Details**

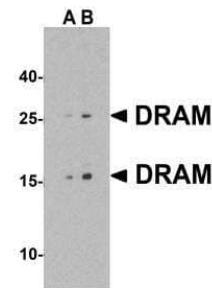
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1-2 ug/mL, ELISA 1:100-1:2000, Immunohistochemistry 2-2.5 ug/mL, Immunocytochemistry/ Immunofluorescence 20 ug/mL, Immunohistochemistry-Paraffin 2-2.5 ug/ml, Immunofluorescence 20 ug/mL

## Images

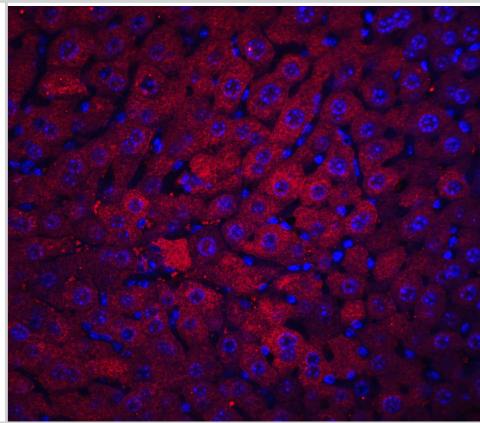
Western Blot: DRAM Antibody [NBP1-76759] - Independent Antibody Validation (IAV) via Protein Expression Profile in Cell Lines. Loading: 15 ug of lysates per lane. Antibodies: DRAM NBP1-76758 (0.5 ug/mL), DRAM NBP1-76759 (2 ug/mL), beta-actin (1 ug/mL) and GAPDH (0.02 ug/mL), 1h incubation at RT in 5% NFDM/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



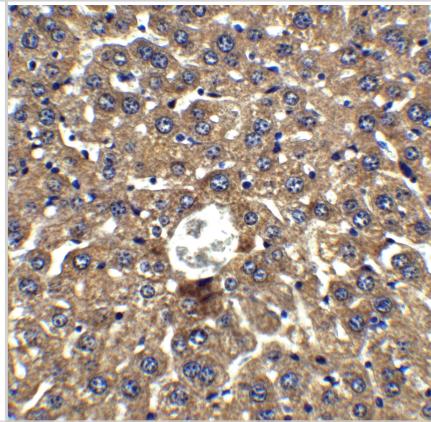
Western Blot: DRAM Antibody [NBP1-76759] - Western blot analysis of DRAM in 293 cell lysate with DRAM antibody at (A) 1 and (B) 2 ug/mL.



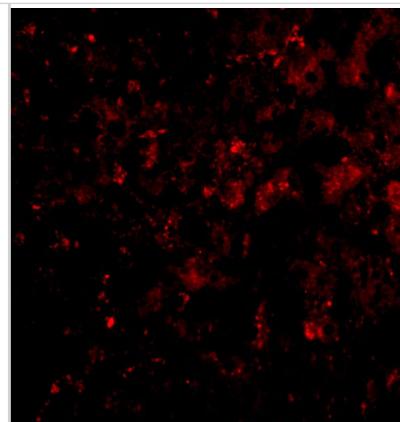
Immunocytochemistry/ Immunofluorescence: DRAM Antibody - BSA Free [NBP1-76759] - Validation of DRAM in Mouse Liver Tissue. Immunofluorescent analysis of 4% paraformaldehyde-fixed mouse liver tissue labeling DRAM with at 20 u/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (red) and DAPI staining (blue).



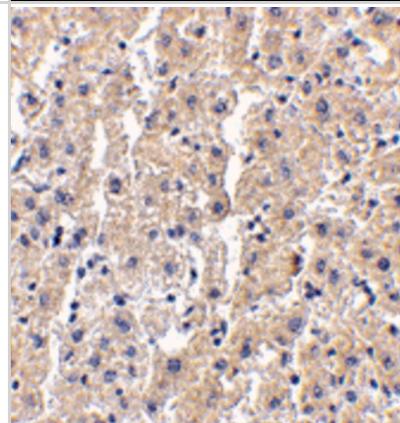
Immunohistochemistry: DRAM Antibody - BSA Free [NBP1-76759] - Validation of DRAM in Mouse Liver Tissue. Immunohistochemical analysis of paraffin-embedded mouse liver tissue using anti-DRAM antibody at 2 ug/ml. Tissue was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin.



Immunocytochemistry/ Immunofluorescence: DRAM Antibody - BSA Free [NBP1-76759] - Validation of DRAM in Human Liver Tissue.  
Immunofluorescent analysis of 4% paraformaldehyde-fixed human liver tissue labeling DRAM with at 20 ug/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (red).



Immunohistochemistry: DRAM Antibody - BSA Free [NBP1-76759] - Validation of DRAM in Human Liver Tissue. Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-DRAM antibody at 2.5 ug/ml. Tissue was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin.





## 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](http://www.novusbio.com)  
Technical Support: [nb-technical@bio-techne.com](mailto:nb-technical@bio-techne.com)  
Orders: [nb-customerservice@bio-techne.com](mailto:nb-customerservice@bio-techne.com)  
General: [novus@novusbio.com](mailto:novus@novusbio.com)

## Products Related to NBP1-76759

NBP1-76759PEP	DRAM Antibody Blocking Peptide
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.

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