

# Product Datasheet

## ZBP1/DLM-1/DAI Antibody - BSA Free NBP1-76854

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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### Publications: 5

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**NBP1-76854**

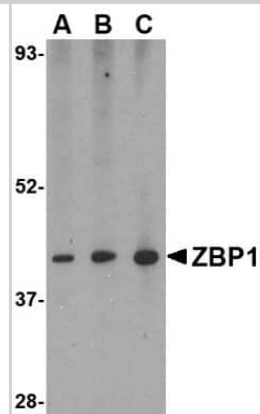
ZBP1/DLM-1/DAI Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS
Target Molecular Weight	42 kDa
Product Description	
Host	Rabbit
Gene ID	81030
Gene Symbol	ZBP1
Species	Human, Mouse, Rat
Specificity/Sensitivity	Multiple isoforms of ZBP1 are known to exist.
Immunogen	Antibody was raised against an 18 amino acid synthetic peptide from near the carboxy terminus of human ZBP1. The immunogen is located within the last 50 amino acids of ZBP1. Amino Acid Sequence: TPSHSKLTPKLETMTLGN
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 0.5-2 ug/ml, ELISA 1:100-1:2000, Immunohistochemistry 2.5 ug/ml, Immunocytochemistry/ Immunofluorescence 20 ug/ml, Immunohistochemistry-Paraffin 2.5 ug/ml, Knockdown Validated

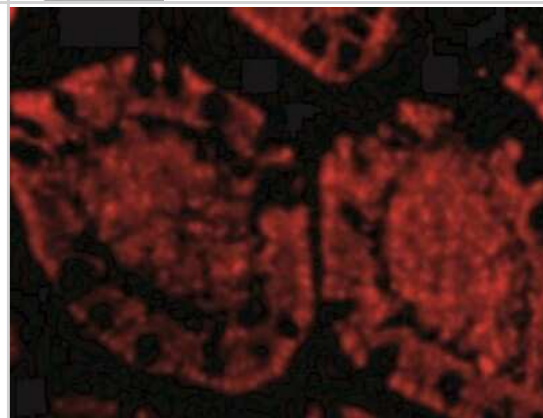


## Images

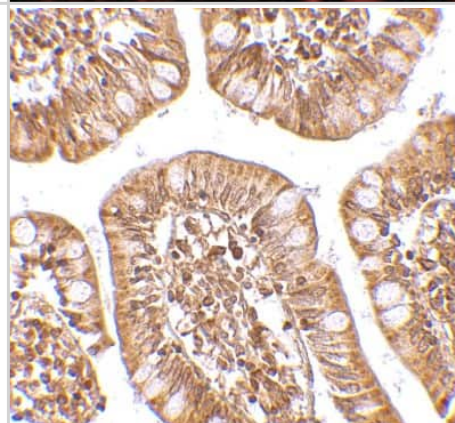
Western Blot: ZBP1/DLM-1/DAI Antibody [NBP1-76854] - Mouse small intestine tissue lysate with Z DNA binding protein antibody at (A) 0.5, (B) 1 and (C) 2 ug/ml.



Immunocytochemistry/Immunofluorescence: ZBP1/DLM-1/DAI Antibody [NBP1-76854] - Immunofluorescence of ZBP1 in Human Small Intestine tissue with ZBP1 antibody at 20 ug/mL.



Immunohistochemistry-Paraffin: ZBP1/DLM-1/DAI Antibody [NBP1-76854] - Human small intestine tissue with Z DNA binding protein antibody at 2.5 ug/ml.



## Publications

Szczerba M, Johnson B, Acciai F et al. Canonical cellular stress granules are required for arsenite-induced necroptosis mediated by Z-DNA-binding protein 1 *Science signaling* 2023-03-14 [PMID: 36917643]

Mutoh T, Kikuchi H, Jitsuishi T et al. Spatiotemporal expression patterns of ZBP1 in the brain of mouse experimental stroke model *Journal of chemical neuroanatomy* 2023-11-10 [PMID: 37952561]

Nassour J, Aguiar LG, Correia A et al. Telomere-to-mitochondria signalling by ZBP1 mediates replicative crisis *Nature* 2023-02-01 [PMID: 36755096]

Shao R, Xie Q, Pan L et al. Necrostatin-1 attenuates Caspase-1-dependent pyroptosis induced by the RIPK1/ZBP1 pathway in ventilator-induced lung injury *Cytokine* 2022-09-01 [PMID: 35780712]

Du XK, Ge WY, Jing R, Pan LH Necroptosis in pulmonary macrophages mediates lipopolysaccharide-induced lung inflammatory injury by activating ZBP-1 *Int. Immunopharmacol.* 2019-10-23 [PMID: 31655343] (KD, WB, Mouse)



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

### **Products Related to NBP1-76854**

NBP1-76854PEP	ZBP1/DLM-1/DAI 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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