

# Product Datasheet

## EGR1 Antibody - BSA Free

### NBP1-78775

Unit Size: 100 ul

Store at 4C. Do not freeze.

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**NBP1-78775**

EGR1 Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris-Citrate/Phosphate (pH 7.0 - 8.0)
<b>Target Molecular Weight</b>	56 kDa

**Product Description**

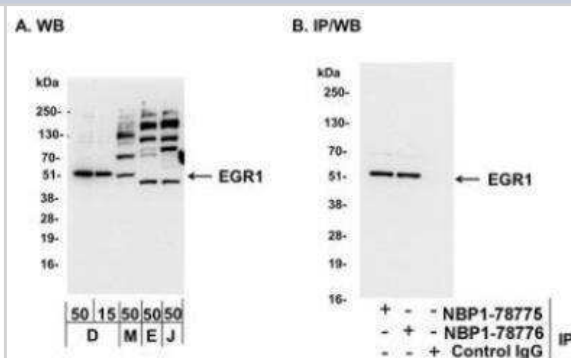
<b>Host</b>	Rabbit
<b>Gene ID</b>	1958
<b>Gene Symbol</b>	EGR1
<b>Species</b>	Human, Mouse
<b>Immunogen</b>	The immunogen for this product maps to a region between residue 1 and 50 of mouse Early Growth Response Protein 1 using the numbering given in entry NP_031939.1 (GeneID 13653).

**Product Application Details**

<b>Applications</b>	Western Blot, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP)
<b>Recommended Dilutions</b>	Western Blot 1:1000-1:5000, Immunoprecipitation 2-10 ug/mg lysate, Chromatin Immunoprecipitation (ChIP)
<b>Application Notes</b>	Use in chromatin immunoprecipitation reported in scientific literature (PMID: 30846562). Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.

**Images**

Western Blot: EGR1 Antibody [NBP1-78775] - Whole cell lysate from mouse bone marrow dendritic (D; 50 and 15 mcg for WB; 1 mg for IP, 20% of IP loaded), NIH3T3 (M; 50 mcg), human erythroleukemia (E; 50 mcg), and Jurkat (J; 50 mcg) cells. Antibodies: Affinity purified rabbit anti-EGR1 antibody used for WB at 0.4 mcg/ml (A) and 1 mcg/ml (B) and used for IP at 6 mcg/mg lysate. EGR1 was also immunoprecipitated by rabbit anti-EGR1 antibody NBP1-78776 which recognizes a disparate epitope.



## Publications

Seung Jin Jang, Natalie Atyeo, Mario Mietzsch, Min Y. Chae, Robert McKenna, Zsolt Toth, Bernadett Papp, Thomas Stamminger Genome-Wide Transcriptional Roles of KSHV Viral Interferon Regulatory Factors in Oral Epithelial Cells Viruses 2024-05-25 [PMID: 38932139]

Mohtar O, Ozdemir C, Roy D et al. Egr1 mediates the effect of insulin on leptin transcription in adipocytes J. Biol. Chem. 2019-03-07 [PMID: 30846562] (Chemotaxis, 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

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00001958-Q01-10ug	Recombinant Human EGR1 GST (N-Term) Protein

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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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