

Product Datasheet

ELF3/ESE-1 Antibody (702V4)

NBP3-16429-100ul

Unit Size: 100 ul

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

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NBP3-16429-100ul

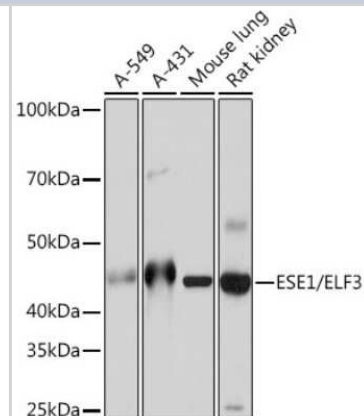
ELF3/ESE-1 Antibody (7O2V4)

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	Monoclonal
Clone	7O2V4
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA
Target Molecular Weight	41 kDa
Product Description	
Host	Rabbit
Gene ID	1999
Gene Symbol	ELF3
Species	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-371 of human ELF3/ESE-1 (P78545). MAATCEISNIFSNYFSAMYSSDSTLASVPPAATFGADDLVLTLSNPQMSLEGT EKASWLGEQPQFWSKTQVLDWISYQVEKNKYDASAI DFSRCDMDGATLCNCA LEELRLVFGPLGDQLHAQLRDLTSSSSDEL SWIELLEKDGMAFQEALDPGPF QGSPFAQELLDDGQQASPYHPGSCGAGAPSPGSSDVSTAGTGASRSSHSSD SGGSDVDLDPTDGKLFPSDGF RDCKKGD PKH GK RKRGRPRKLSKEYWDCLE GKKSKHAPRGTHLWEFIRDILIHPELNEGLMKWENRHEGVFKFLRSEAVAQLW GQKKKNSNMTYEKLSRAMRYYYKREILERV DGRRLVYKFGKNSSGWKEEEVL QSRN
Product Application Details	
Applications	Western Blot, ELISA, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot 1:1000 - 1:6000, ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements., Chromatin Immunoprecipitation (ChIP) 5µg antibody for 10µg-15µg of Chromatin
Application Notes	CUT&Tag, 10 cells /1 ug

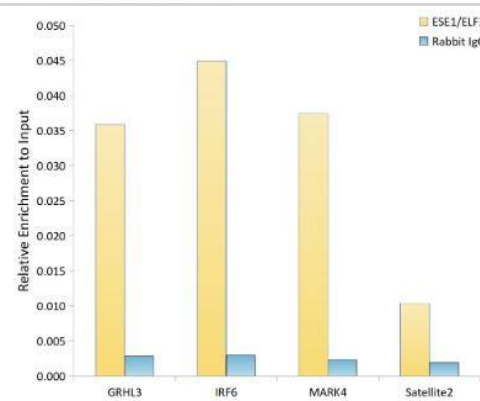


Images

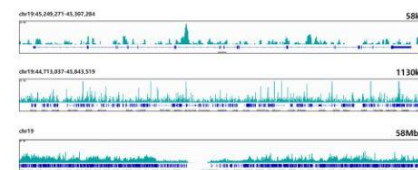
Western Blot: ELF3/ESE-1 Antibody (7O2V4) [NBP3-16429] - Western blot analysis of extracts of various cell lines, using ELF3/ESE-1 Rabbit mAb (NBP3-16429) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



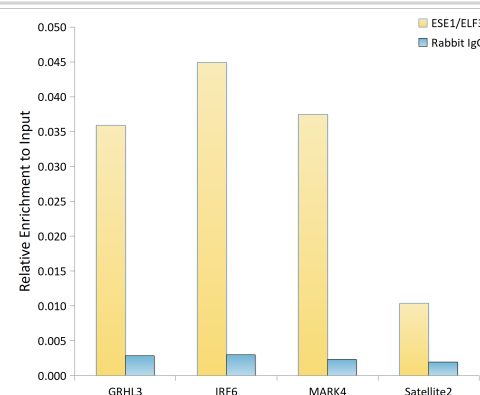
Chromatin Immunoprecipitation: ELF3/ESE-1 Antibody (7O2V4) [NBP3-16429] - Analysis of extracts of HepG2 cells, using ESE1/ELF3 antibody and rabbit IgG. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.



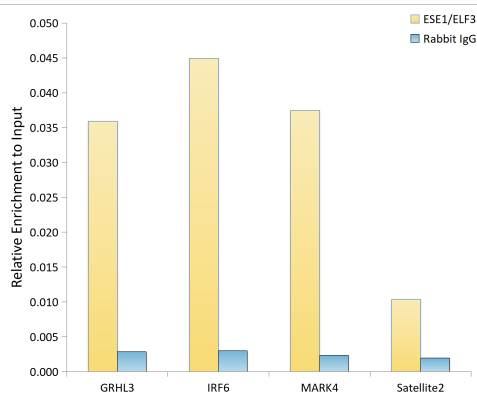
Chip IP Sequencing: ELF3/ESE-1 Antibody (7O2V4) [NBP3-16429] - CUT&Tag was performed using the CUT&Tag Assay Kit (pAG-Tn5) for Illumina from 10^5 HepG5 with 1μg ESE1 along with a Goat Anti-Rabbit IgG(H+L). The CUT&Tag results indicate the enrichment pattern of ESE1 in representative gene loci (MARK4), as shown in figure.



Chromatin Immunoprecipitation: ELF3/ESE-1 Antibody (7O2V4) [NBP3-16429] - Chromatin immunoprecipitation analysis of extracts of HepG2 cells, using ELF3/ESE-1 antibody and rabbit IgG. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.



Chromatin Immunoprecipitation: ELF3/ESE-1 Antibody (7O2V4)
[ELF3/ESE-1] - Chromatin immunoprecipitation analysis of extracts of HepG2 cells, using ELF3/ESE-1 antibody and rabbit IgG. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.





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

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NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00001999-P01-10ug	Recombinant Human ELF3/ESE-1 GST (N-Term) Protein

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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