

# Product Datasheet

## ELK4 Antibody - BSA Free NBP1-87092

Unit Size: 0.1 ml

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

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**NBP1-87092**

ELK4 Antibody - BSA Free

| Product Information  |  |
|----------------------|--|
| <b>Unit Size</b>     | 0.1 ml   |
| <b>Concentration</b> | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| <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>        | Affinity purified  |
| <b>Buffer</b>        | PBS (pH 7.2) and 40% Glycerol  |

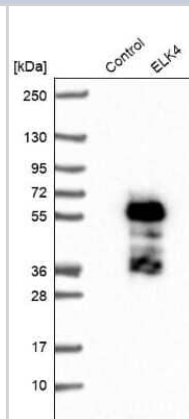
| Product Description     |  |
|-------------------------|--|
| <b>Description</b>      | Novus Biologicals Rabbit ELK4 Antibody - BSA Free (NBP1-87092) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.                         |
| <b>Host</b>             | Rabbit   |
| <b>Gene ID</b>          | 2005   |
| <b>Gene Symbol</b>      | ELK4   |
| <b>Species</b>          | Human  |
| <b>Reactivity Notes</b> | Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (82%), Rat (80%)  |
| <b>Immunogen</b>        | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>MDPMTVGRIEGDCESLNFSEVSSSSKDVENGKDKPPQPGAKTSSRNDYIHS<br>GLYSSFTLNSLNSSNVKLFKLIK TENPAEKLA EKKSPQEPTPSVIK FVTTPSKKP<br>PVEPVAATISIGPS |

| Product Application Details  |   |
|------------------------------|---|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Chromatin Immunoprecipitation-exo-Seq   |
| <b>Recommended Dilutions</b> | Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200, Chromatin Immunoprecipitation-exo-Seq 1-10ug per reaction |
| <b>Application Notes</b>     | IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.  |

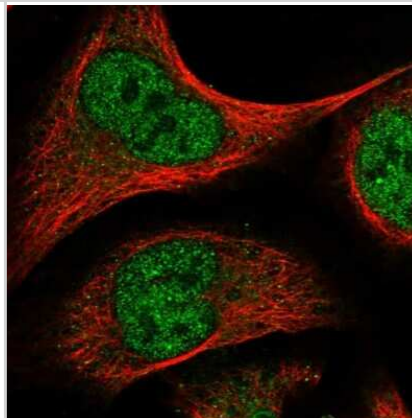


## Images

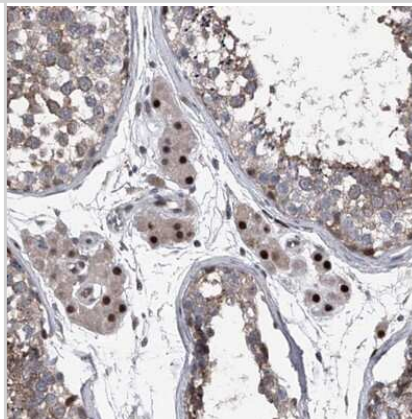
Western Blot: ELK4 Antibody [NBP1-87092] - Analysis in control (vector only transfected HEK293T lysate) and ELK4 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



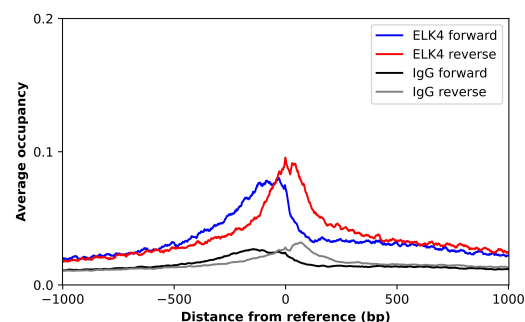
Immunocytochemistry/Immunofluorescence: ELK4 Antibody [NBP1-87092] - Staining of human cell line U-2 OS shows localization to nucleoplasm. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: ELK4 Antibody [NBP1-87092] - Staining of human testis shows strong nuclear positivity in Leydig cells.



ChIP-Exo-Seq composite graph for Anti-ELK4 (NBP1-87092) tested in K562 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment compared to a non-specific IgG control and precisely reveals its structural organization around the binding site. Data generated by Prof. B. F. Pugh's Lab at Cornell University.





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### **Products Related to NBP1-87092**

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|               |   |
|---------------|---|
| NBP1-87092PEP | ELK4 Recombinant Protein Antigen                    |
| 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                          |

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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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