

# Product Datasheet

## Erbin Antibody - BSA Free NBP2-56104

Unit Size: 100 ul

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

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**NBP2-56104**

Erbin Antibody - BSA Free

| Product Information  |  |
|----------------------|--|
| <b>Unit Size</b>     | 100 ul   |
| <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  |

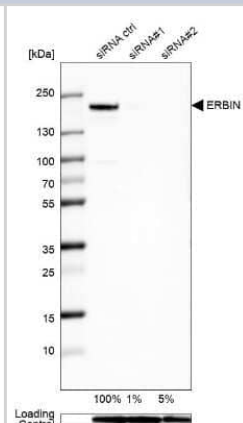
| Product Description |  |
|---------------------|--|
| <b>Host</b>         | Rabbit   |
| <b>Gene ID</b>      | 55914  |
| <b>Gene Symbol</b>  | ERBIN  |
| <b>Species</b>      | Human  |
| <b>Immunogen</b>    | This antibody was developed against a recombinant protein corresponding to the following amino acid sequence:<br>SENLKHIVNHDDVFESEELSSDEEMKMAEMRPPLIETSINQPKVVALSNNKKD<br>DTKETDLSLSEVTHNSNQNNSSNCSSPS |

| Product Application Details  |  |
|------------------------------|--|
| <b>Applications</b>          | Western Blot, Immunocytochemistry/ Immunofluorescence, Knockdown Validated                             |
| <b>Recommended Dilutions</b> | Western Blot 0.04-0.4 ug/ml, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Knockdown Validated |
| <b>Application Notes</b>     | ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.  |

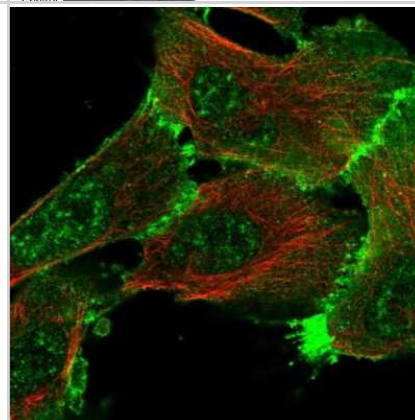


## Images

Western Blot: Erbin Antibody [NBP2-56104] - Analysis in U2OS cells transfected with control siRNA, target specific siRNA probe #1 and #2. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



Immunocytochemistry/Immunofluorescence: Erbin Antibody [NBP2-56104] - Staining of human cell line U-251 MG shows localization to nuclear speckles, plasma membrane & cell junctions. Antibody staining is shown in green.



## Publications

Fang, Q;Jing, G;Zhang, Y;Wang, H;Luo, H;Xia, Y;Jin, Q;Liu, Y;Zuo, J;Yang, C;Zhang, X;Liu, S;Wu, X;Song, X; Erbin accelerates TFEB-mediated lysosome biogenesis and autophagy and alleviates sepsis-induced inflammatory responses and organ injuries *Journal of translational medicine* 2023-12-17 [PMID: 38105228]



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### **Products Related to NBP2-56104**

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|               |   |
|---------------|---|
| NBP2-56104PEP | Erbin Recombinant Protein Antigen                   |
| 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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