

Product Datasheet

ID4 Antibody - BSA Free NBP2-56322

Unit Size: 100 ul

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

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NBP2-56322

ID4 Antibody - BSA Free

| Product Information | |
|----------------------|--|
| Unit Size | 100 ul |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| 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 | Affinity purified |
| Buffer | PBS (pH 7.2) and 40% Glycerol |

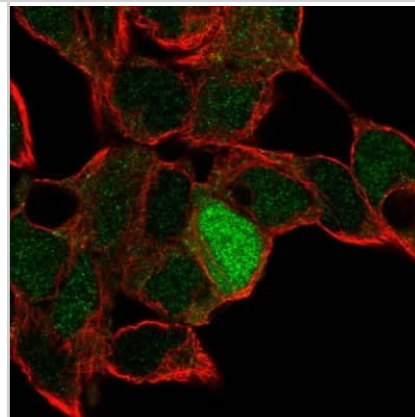
| Product Description | |
|-------------------------|---|
| Host | Rabbit |
| Gene ID | 3400 |
| Gene Symbol | ID4 |
| Species | Human, Rat |
| Reactivity Notes | Rat reactivity reported in scientific literature (PMID:31828317). |
| Immunogen | This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: PLTALNTDPAGAVNKQGDSILCR |

| Product Application Details | |
|------------------------------|---|
| Applications | Immunocytochemistry/ Immunofluorescence, Chromatin Immunoprecipitation-exo-Seq |
| Recommended Dilutions | Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Chromatin Immunoprecipitation-exo-Seq 1-10ug per reaction |
| Application Notes | ICC/IF Fixation Permeabilization: Use PFA/Triton X-100. |

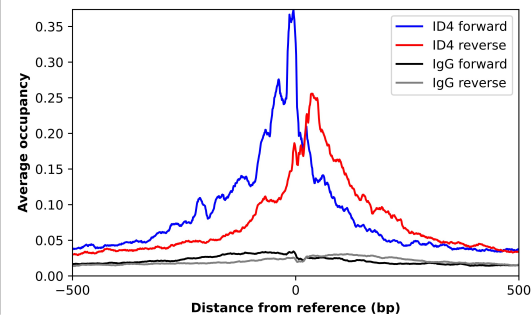


Images

Immunocytochemistry/Immunofluorescence: ID4 Antibody [NBP2-56322]
 - Staining of human cell line HEK 293 shows localization to nucleus.
 Antibody staining is shown in green.



ChIP-Exo-Seq composite graph for Anti-ID4 (NBP2-56322) 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.



Publications

Aprato J, Sock E, Weider M, et al. miR-130b is a Potent Stimulator of Hepatic VLDL Assembly and Secretion via Marked Induction of Microsomal Triglyceride Transfer Protein (MTP) Nucleic Acids Res. 2019-12-10 [PMID: 31828317] (ICC/IF, Rat)



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Products Related to NBP2-56322

| | |
|---------------|---|
| NBP2-56322PEP | ID4 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 |

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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