

# Product Datasheet

## NURF301 Antibody 40360002-0.1mg

Unit Size: 0.1 mg

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

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**40360002-0.1mg**

NURF301 Antibody

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Please see the 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>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	20mM Potassium Phosphate (pH 7.0) and 0.15M NaCl

**Product Description**

<b>Host</b>	Rabbit
<b>Species</b>	Drosophila
<b>Immunogen</b>	In vivo generated recombinant protein fragment (AAN11431).

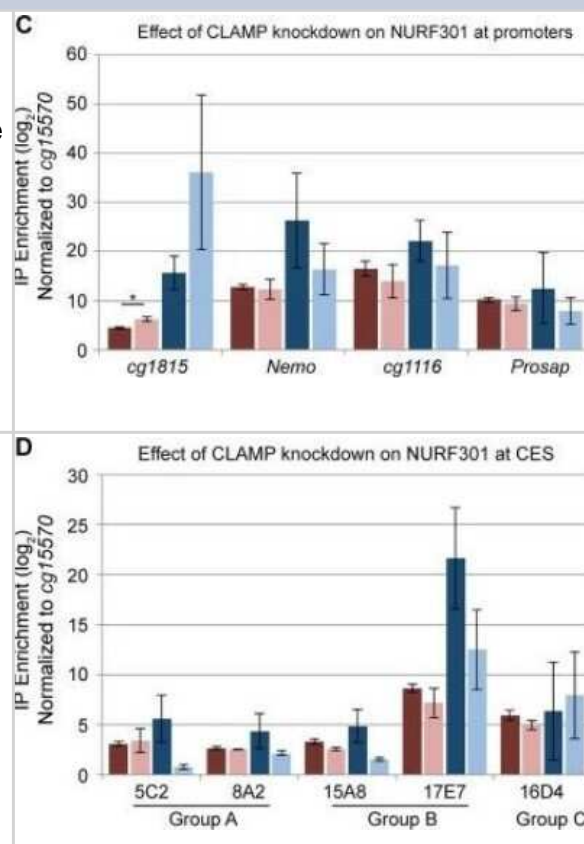
**Product Application Details**

<b>Applications</b>	Western Blot, Chromatin Immunoprecipitation, ELISA
<b>Recommended Dilutions</b>	Western Blot 1:100-1:2000, Chromatin Immunoprecipitation 1:10-1:500, ELISA 1:100-1:2000
<b>Application Notes</b>	Use in WB reported in scientific literature (PMID:33303640).

**Images**

Chromatin Immunoprecipitation: NURF301 Antibody [40360002] - CLAMP promotes recruitment of NURF to CES, but not promoters. Enrichment of the NURF complex component NURF301 was measured at the same promoters as H3 occupancy. No significant differences were detected between the control and clamp RNAi treatments with the exception of *cg1815* in females (\* = p-value <0.05). The effect of clamp RNAi on NURF occupancy was measured different subgroups of CES. There are observed reductions in NURF occupancy in males at CES within all groups with the exception of Group C CES. Image collected and cropped by CiteAb from the following publication (<https://dx.plos.org/10.1371/journal.pone.0186855>), licensed under a CC-BY license.

Chromatin Immunoprecipitation: NURF301 Antibody [40360002] - CLAMP promotes recruitment of NURF to CES, but not promoters. A. The effect of clamp RNAi on NURF occupancy was measured different subgroups of CES. There are observed reductions in NURF occupancy in males at CES within all groups with the exception of Group C CES. Image collected and cropped by CiteAb from the following publication (<https://dx.plos.org/10.1371/journal.pone.0186855>), licensed under a CC-BY license.



## Publications

Judd J, Duarte FM, Lis JT Pioneer-like factor GAF cooperates with PBAP (SWI/SNF) and NURF (ISWI) to regulate transcription Genes & development 2020-12-10 [PMID: 33303640] (WB)

Urban J, Kuzu G, Bowman S et al. Enhanced chromatin accessibility of the dosage compensated Drosophila male X-chromosome requires the CLAMP zinc finger protein. PLoS ONE. 2017-10-27 [PMID: 29077765] (Drosophila)



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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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