

Product Datasheet

OLLAS Epitope Tag Antibody (L2) [Biotin] NBP1-06713B

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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NBP1-06713B

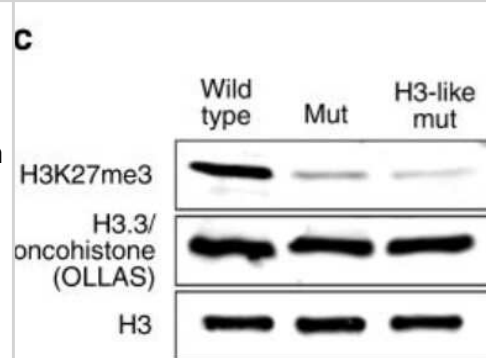
OLLAS Epitope Tag Antibody (L2) [Biotin]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	L2
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Biotin
Purity	Protein G purified
Buffer	PBS
Product Description	
Host	Rat
Species	Epitope Tag
Immunogen	OLLAS (SGFANELGPRLMGK)-tagged extracellular domain of mouse Langerin
Product Application Details	
Applications	Western Blot, Immunoblotting, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, Chromatin Immunoprecipitation Sequencing, Immunohistochemistry Whole-Mount
Recommended Dilutions	Western Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Immunoblotting, Immunohistochemistry Whole-Mount, Chromatin Immunoprecipitation Sequencing
Application Notes	Optimal dilution of this antibody should be experimentally determined.

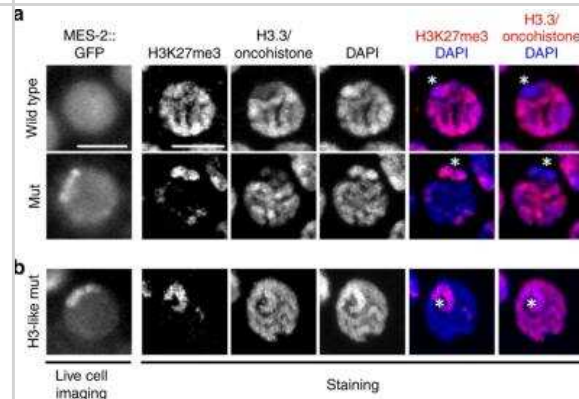


Images

Western Blot: OLLAS Epitope Tag Antibody (L2) [Biotin] [NBP1-06713B] - Oncohistone incorporation patterns induce changes in nuclear PRC2 distribution and sterility phenotypes. Western blot of H3K27me3 and H3.3/oncohistone levels in wild-type, mut, and H3-like mut worms. All versions of H3.3 are tagged with OLLAS Epitope Tag to distinguish them unambiguously from H3. H3 levels are shown as loading control. Image collected and cropped by CiteAb from the following publication (<https://www.nature.com/articles/s41467-019-10404-9>) licensed under a CC-BY license.



Immunocytochemistry/Immunofluorescence: OLLAS Epitope Tag Antibody (L2) [Biotin] [NBP1-06713B] - Oncohistone incorporation patterns induce changes in nuclear PRC2 distribution and sterility phenotypes. Live cell imaging of GFP-tagged MES-2/EZH2 (the catalytic subunit of *C. elegans* PRC2), and immunofluorescence of H3K27me3 and H3.3/oncohistone (tagged with OLLAS Epitope Tag) in pachytene nuclei of H3-like K27M oncohistone (H3-like mut) worms. Scale bars represent 5 μ m. Chromosome X was identified by depletion of H3.3 and H3K4me3 staining shown in Supplementary Fig. 3, and is marked with an asterisk. Image collected and cropped by CiteAb from the following publication (<https://www.nature.com/articles/s41467-019-10404-9>) licensed under a CC-BY license



Publications

Wenda JM, Proske RF, Gabus C, Steiner FA. Mitotic chromosome condensation requires phosphorylation of the centromeric protein KNL-2 in *C. elegans* *Journal of Cell Science* 2021-12-01 [PMID: 34734636]

Delaney K, Strobino M, Wenda JM et al H3.3K27M-induced chromatin changes drive ectopic replication through misregulation of the JNK pathway in *C. elegans* *Nat Commun* 2019-06-09 [PMID: 31175278] (Chip Cytometry, WB, *C. elegans*)



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NBP2-29370	Streptavidin Native Protein
NBP1-43562-0.1mg	Rat IgG1 Kappa Light Chain Isotype Control (RG1) [Biotin]

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