

# DPY30 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP55568

## Product Information

---

|                          |                          |
|--------------------------|--------------------------|
| <b>Application</b>       | IHC-P, IHC-F, IF, ICC, E |
| <b>Primary Accession</b> | <a href="#">Q9C005</a>   |
| <b>Reactivity</b>        | Rat, Dog, Bovine         |
| <b>Host</b>              | Rabbit                   |
| <b>Clonality</b>         | Polyclonal               |
| <b>Calculated MW</b>     | 11250                    |

## Additional Information

---

|                    |                                                                                                                                                                                                 |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>     | 84661                                                                                                                                                                                           |
| <b>Other Names</b> | Protein dpy-30 homolog, Dpy-30-like protein, Dpy-30L, DPY30                                                                                                                                     |
| <b>Dilution</b>    | IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000                                                                                                                   |
| <b>Storage</b>     | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |

## Protein Information

---

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Name</b>              | DPY30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Function</b>          | As part of the MLL1/MLL complex, involved in the methylation of histone H3 at 'Lys-4', particularly trimethylation. Histone H3 'Lys- 4' methylation represents a specific tag for epigenetic transcriptional activation. May play some role in histone H3 acetylation. In a teratocarcinoma cell, plays a crucial role in retinoic acid-induced differentiation along the neural lineage, regulating gene induction and H3 'Lys-4' methylation at key developmental loci. May also play an indirect or direct role in endosomal transport. |
| <b>Cellular Location</b> | Nucleus. Golgi apparatus, trans-Golgi network Note=Associated with chromatin at regions enriched in histone H3 trimethylated at 'Lys-4. Highly enriched in gene promoter regions and 5' UTRs, but not in downstream regions of genes or 3' UTRs (By similarity).                                                                                                                                                                                                                                                                           |

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.