

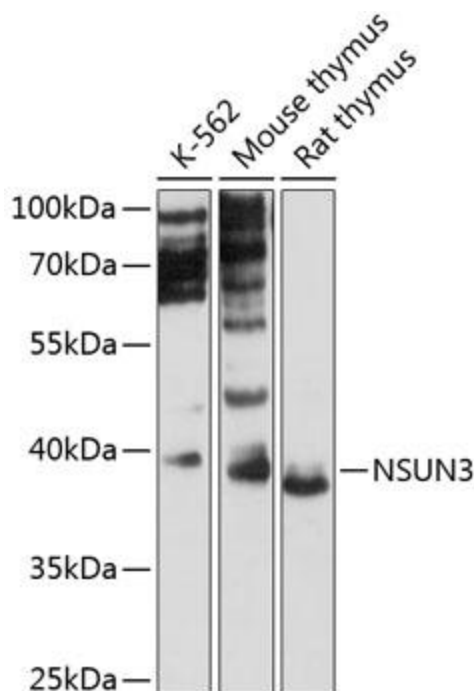


# NSUN3 Mouse pAb

|                             |                                                                                                                                                                                                                                                        |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No                  | YP-mAb-18818                                                                                                                                                                                                                                           |
| Isotype                     | IgG                                                                                                                                                                                                                                                    |
| Reactivity                  | Human;Mouse;Rat                                                                                                                                                                                                                                        |
| Applications                | WB                                                                                                                                                                                                                                                     |
| Gene Name                   |                                                                                                                                                                                                                                                        |
| Immunogen                   | Recombinant fusion protein containing a sequence corresponding to amino acids 1-120 of human NSUN3                                                                                                                                                     |
| Specificity                 |                                                                                                                                                                                                                                                        |
| Formulation                 |                                                                                                                                                                                                                                                        |
| Source                      | Monoclonal,Mouse,IgG                                                                                                                                                                                                                                   |
| Purification                | Affinity purification                                                                                                                                                                                                                                  |
| Dilution                    | WB 1:500-2000                                                                                                                                                                                                                                          |
| Concentration               | 1 mg/ml                                                                                                                                                                                                                                                |
| Purity                      | ≥90%                                                                                                                                                                                                                                                   |
| Storage Stability           | -20°C/1 year                                                                                                                                                                                                                                           |
| Synonyms                    | MST077;COXPD48;MSTP077;NSUN3                                                                                                                                                                                                                           |
| Observed Band               | 38kDa                                                                                                                                                                                                                                                  |
| Calculated Molecular Weight | 38kDa                                                                                                                                                                                                                                                  |
| Cell Pathway                |                                                                                                                                                                                                                                                        |
| Tissue Specificity          |                                                                                                                                                                                                                                                        |
| Function                    |                                                                                                                                                                                                                                                        |
| Background                  | Enables tRNA (cytosine-5-)-methyltransferase activity. Involved in regulation of mitochondrial translation and tRNA wobble base cytosine methylation. Located in mitochondrial matrix. Implicated in combined oxidative phosphorylation deficiency 48. |
| matters needing attention   | Avoid repeated freezing and thawing!                                                                                                                                                                                                                   |
| Usage suggestions           | This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.                                                                                                                      |



## Products Images



Western blot analysis of various lysates using NSUN3 Mouse pAb (A12892) at 1:3000 dilution. Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 $\mu$ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.