



# GAPDH Rabbit pAb

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|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No              | YP-nAb-1173                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Isotype                 | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Reactivity              | Human,Mouse,Rat                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Applications            | WB                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Alternative Name        | G3PD; GAPD; HEL-S-162eP; GAPDH                                                                                                                                                                                                                                                                                                                                                                                                            |
| Antibody dilution ratio | WB-1:5000-1:10000                                                                                                                                                                                                                                                                                                                                                                                                                         |
| SwissProt ID            | P04406                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Host Species            | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Conjugation             | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Modification            | Unmodified                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Gene ID                 | 2597                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Gene Name               | GAPDH                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Clonality               | Polyclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Molecular Weight        | Calculated MW: 36 kDa; Observed MW: 36 kDa                                                                                                                                                                                                                                                                                                                                                                                                |
| Immunogen               | Purified recombinant Human GAPDH protein fragments expressed in E.coli.                                                                                                                                                                                                                                                                                                                                                                   |
| Research Field          | Neuroscience                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Background              | <p>Glyceraldehyde 3 phosphate dehydrogenase (GAPDH) is well known as one of the</p> <p>key enzymes involved in glycolysis. GAPDH is constitutively abundant expressed in</p> <p>almost cell types at high levels, therefore antibodies against GAPDH are useful as</p> <p>loading controls for Western Blotting. Some pathology factors, such as hypoxia and diabetes, increased or decreased GAPDH expression in certain cell types.</p> |
| Purification Method     | Affinity Purified                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Form                    | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Storage Buffer          | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.                                                                                                                                                                                                                                                                                                                                                           |

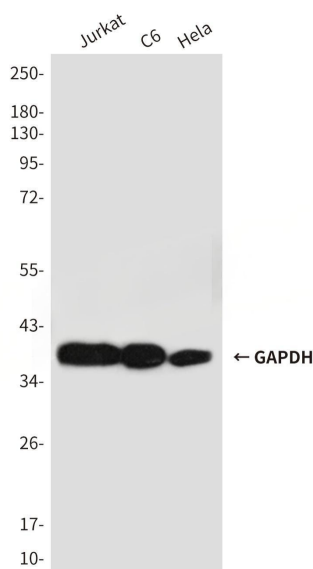




## Storage Conditions

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

## Products Images



Western blot analysis of GAPDH in Jurkat, C6 and 3T3 lysates using GAPDH antibody.

