

## Product datasheet for **TA347819**

### GAPDH Rabbit Polyclonal Antibody

#### Product data:

|                         |   |
|-------------------------|---|
| Product Type:           | Primary Antibodies  |
| Applications:           | WB  |
| Recommended Dilution:   | WB: 1:5000-1:50000  |
| Reactivity:             | Human, Monkey   |
| Host:                   | Rabbit  |
| Isotype:                | IgG   |
| Clonality:              | Polyclonal  |
| Immunogen:              | The immunogen for anti-GAPDH Antibody: A synthesized peptide derived from human GAPDH.  |
| Formulation:            | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20?. Stable for 12 months from date of receipt   |
| Concentration:          | lot specific  |
| Conjugation:            | Unconjugated  |
| Storage:                | Store at -20°C as received.   |
| Stability:              | Stable for 12 months from date of receipt.  |
| Predicted Protein Size: | 37KD  |
| Gene Name:              | glyceraldehyde-3-phosphate dehydrogenase  |
| Database Link:          | <a href="#">NP_002037</a><br><a href="#">Entrez Gene 574353 Monkey</a> <a href="#">Entrez Gene 2597 Human</a><br><a href="#">P04406</a>   |
| Background:             | Glyceraldehyde 3 phosphate dehydrogenase (GAPDH) is well known as one of the key enzymes involved in glycolysis. GAPDH is constitutively abundant expressed in almost cell types at high levels, therefore antibodies against GAPDH are useful as loading controls for Western Blotting. Some pathology factors, such as hypoxia and diabetes, increased or decreased GAPDH expression in certain cell types. |
| Synonyms:               | G3PD; GAPD; HEL-S-162eP   |
| Note:                   | GAPDH antibody detects endogenous levels of total GAPDH protein from human and monkey. Is unsuitable for MOUSE and RAT, not yet tested in other species.  |

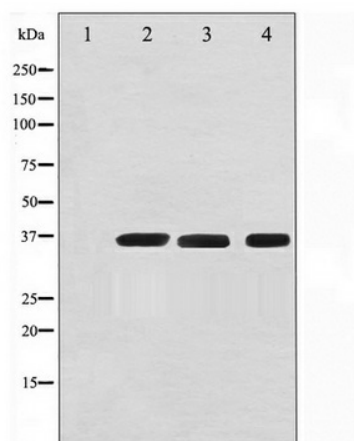


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Protein Families: ES Cell Differentiation/IPS

Protein Pathways: Alzheimer's disease, Glycolysis / Gluconeogenesis, Metabolic pathways

### Product images:



Western blot analysis of HeLa (1), Jurket (2), and COS-7 (3) with GAPDH antibody (1;50000), the lane on the left is