**Anti-3PGDH**

*(Phgdh, 3-phosphoglycerate dehydrogenase)*

**Code Number**: 3PGDH-Rb-Af303 (rabbit, RRID: AB_2571653)  
3PGDH-GP-Af198 (guinea pig, RRID: AB_2571654)

**Size**: 20 µg and 50 µg / See label on vial  
(affinity-purified with antigen polypeptide)

**Formulation**: Liquid: 200 µg/ml in PBS with 0.05% NaN₃.  
(affinity-purified with antigen polypeptide)

**Storage**: Store at 4°C. The antibody can be stored at 4°C. The antibody can be also aliquotted and stored at -80°C for long-term storage. Avoid repeated freeze-thawing. Non-hazardous. No MSDS required.

**Species**: rabbit / guinea pig, polyclonal

**Antigen**: rat, full sequence (NM031620)

**Specificity**: Mouse (others not tested)

Immunoblot detects a single band at 57 kDa.  
This selectively stains astroglia in the central nervous system, Schwann cells in the peripheral nervous system, and distinct tubular segments in the kidney.

**Applications**: In general, affinity-purified antibody is used at around 1 microgram/ml for immunoblot and immunohistochemistry. The most appropriate concentration should be determined by users, because it depends on contents in given cells, tissues and organs.

**Research Use**: For research use only, not for use in diagnostic procedures.

**Remarks**: Rabbit and guinea pig antibodies are similar in the titer and specificity.

**Reference**: 1) Yamasaki, M., Yamada, K., Furuya, S., Mitoma, J., Hirabayashi, Y., Watanabe, M. (2001) 3-phosphoglycerate dehydrogenase (3PGDH), a key enzyme of L-serine biosynthesis, is preferentially

