



Polyclonal human Anti-G3PDH Antibody

Catalog Number: 2275-PC-1

Size: 100 μ L

Immunogen: Synthetic peptide corresponding to a portion of the human glyceraldehyde-3-phosphate dehydrogenase (GAPDH) sequence (1)

Host Species: Rabbit

Purity: Supplied as neat hyperimmune serum

Activity: Determined by western blot analysis of HeLa cell lysate

Concentration: Refer to vial label

Physical State: Frozen liquid

DESCRIPTION

GAPDH, also known as G3PDH, is a 30 kD eukaryotic protein present in every cell. The abundance of GAPDH is relatively unaffected by external factors. The level of GAPDH has been used as a reference value for comparisons between different cell lysates or gel loads.

SPECIFICITY

This antibody recognizes human and mouse GAPDH. Other species have not been tested.

APPLICATIONS

Western Blot: Use 1:2000 to 1:5000 to detect GAPDH in cell lysates. Chemiluminescent methods require a greater dilution of the antibody.

STORAGE

This product is stable as shipped for a least one year when stored at $\leq -20^{\circ}$ C. Avoid multiple freeze/thaw cycles by storage in appropriate aliquots. Do not store in a frost-free freezer.

REFERENCES

1. Arcari *et al.*, The complete sequence of a full length cDNA for human liver glyceraldehyde-3-phosphate dehydrogenase: evidence for multiple mRNA species, *Nucleic Acids Research*, **12**:9179 (1984).