

Product datasheet for AP10043PU-N

OriGene Technologies, Inc.

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Glucose 6 phosphate isomerase (GPI) Goat Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: ELISA, IHC, WB

Recommended Dilution: Peptide ELISA: 1/128000.

Western blot: Approx 60kDa band observed in Human Heart lysates (calculated MW of

63.1kDa according to NP 000166.2).

Recommended concentration: 0.01 - 0.03 μg/ml.

Immunohistochemistry on Paraffin Sections: 3.75 μg/ml. Paraffin embedded Human Testis, Thyroid and Kidney.

Reactivity: Human, Porcine

Host: Goat

Clonality: Polyclonal

Immunogen: Peptide with sequence C-YREHRSELNLRR, from the internal region (near N Terminus) of the

protein sequence according to NP_000166.2.

Specificity: This antibody reacts to Neuroleukin.

Formulation: Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

State: Aff - Purified

State: Liquid purified Ig fraction

Concentration: lot specific

Purification: Affinity chromatography

Conjugation: Unconjugated

Storage: Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.

Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

Gene Name: glucose-6-phosphate isomerase

Database Link: Entrez Gene 2821 Human

P06744





Glucose 6 phosphate isomerase (GPI) Goat Polyclonal Antibody - AP10043PU-N

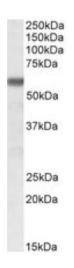
Background:

Glucose 6 phosphate isomerase is a neurotrophic factor for spinal and sensory neurons. It is involved in glycolysis and gluconeogenesis. Defects in this protein are a cause of hereditary nonspherocytic hemolytic anemia. Glucose 6 phosphate isomerase deficiencies can be associated with hydrops fetalis, immediate neonatal death and neurological impairment.

Synonyms:

Phosphoglucose isomerase, PGI, Phosphohexose isomerase, PHI, Neuroleukin, NLK

Product images:



Anti-Neuroleukin (0.01ug/ml) staining of Human Heart lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.