

Product datasheet for **AP22827PU-N**

GAPDH Sheep Polyclonal Antibody

Product data:

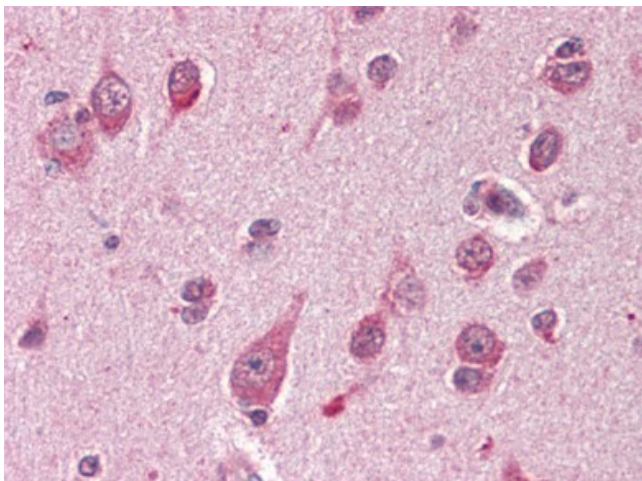
Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA. Immunohistochemistry on Paraffin Sections: 1/100. Western Blot.
Reactivity:	Escherichia coli, Human, Rabbit
Host:	Sheep
Clonality:	Polyclonal
Immunogen:	GAPDH antibody was raised against GAPDH synthetic peptide
Specificity:	This antibody recognizes Glyceraldehyde 3-phosphate Dehydrogenase (GAPDH).
Formulation:	PBS, pH 7.2 with 0.09% Sodium Azide added as a preservative State: Ig Fraction State: Liquid purified Ig fraction
Purification:	IgG Fractionation
Conjugation:	Unconjugated
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	glyceraldehyde-3-phosphate dehydrogenase
Database Link:	Entrez Gene 2597 Human P04406
Background:	GAPDH catalyzes an important energy-yielding step in carbohydrate metabolism, the reversible oxidative phosphorylation of glyceraldehyde-3-phosphate in the presence of inorganic phosphate and nicotinamide adenine dinucleotide (NAD). The enzyme exists as a tetramer of identical chains. Many pseudogenes similar to this locus are present in the human genome.
Synonyms:	GAPD, CDABP0047
Protein Families:	ES Cell Differentiation/IPS



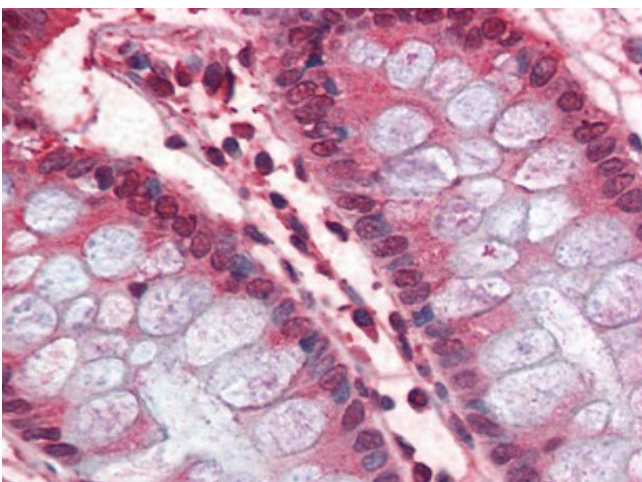
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Protein Pathways: Alzheimer's disease, Glycolysis / Gluconeogenesis, Metabolic pathways

Product images:



Human Brain, Cortex (formalin-fixed, paraffin-embedded) stained with GAPDH antibody AP22827PU-N at 1/100 followed by biotinylated secondary antibody, alkaline phosphatase-streptavidin and chromogen.



Human Colon (formalin-fixed, paraffin-embedded) stained with GAPDH antibody AP22827PU-N at 1/100 followed by biotinylated secondary antibody, alkaline phosphatase-streptavidin and chromogen.