

GPD2 RABBIT PAB

Cat.#: S219363

Product Name: Anti-GPD2 Rabbit Polyclonal Antibody

Synonyms: GDH2; GPDM; mGPDH

UNIPROT ID: P43304 (Gene Accession - BC019874)

Background: The protein encoded by this gene localizes to the inner mitochondrial membrane and catalyzes the conversion of glycerol-3-phosphate to dihydroxyacetone phosphate, using FAD as a cofactor. Along with GDPI, the encoded protein constitutes the glycerol phosphate shuttle, which reoxidizes NADH formed during glycolysis. Two transcript variants encoding the same protein have been found for this gene.[provided by RefSeq, Jan 2010]

Immunogen: Fusion protein of human GPD2

Applications: ELISA, IHC

Recommended Dilutions: IHC: 150-300; ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

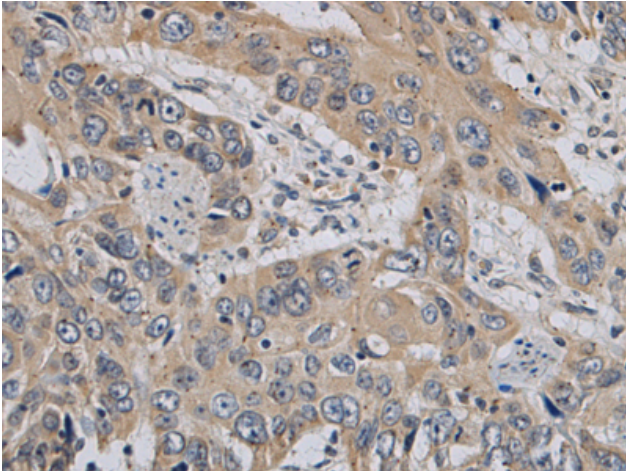
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

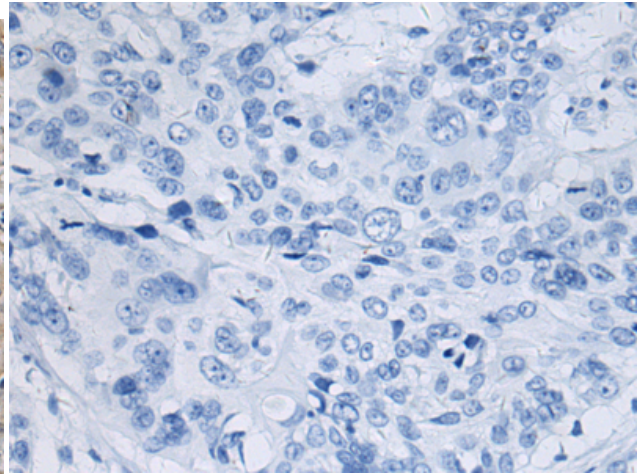
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Metabolism, Cancer

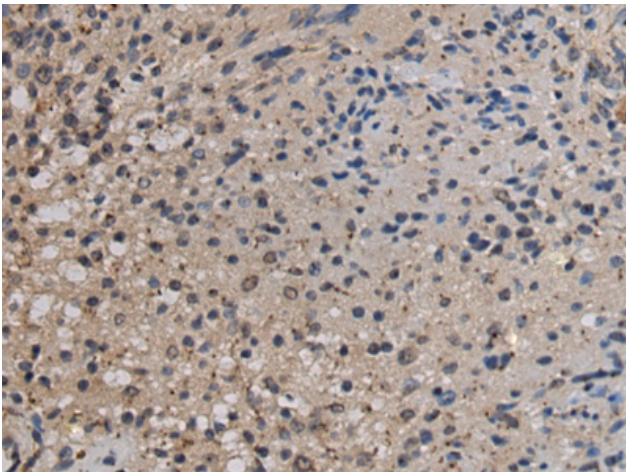
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



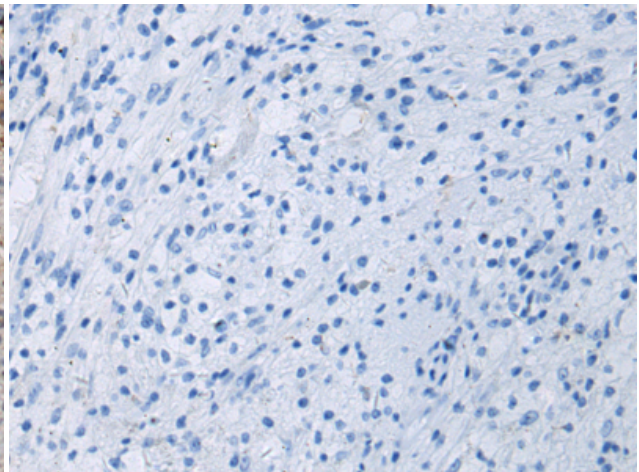
Immunohistochemistry analysis of paraffin embedded Human esophagus cancer tissue using 219363(GPD2 Antibody) at a dilution of 1/160(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with the fusion protein and then with 219363(Anti-GPD2 Antibody) at dilution 1/160.



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using 219363(Anti-GPD2 Antibody) at a dilution of 1/160.



In comparison with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with fusion protein and then with D226548(Anti-GPD2 Antibody) at dilution 1/160.