

## 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

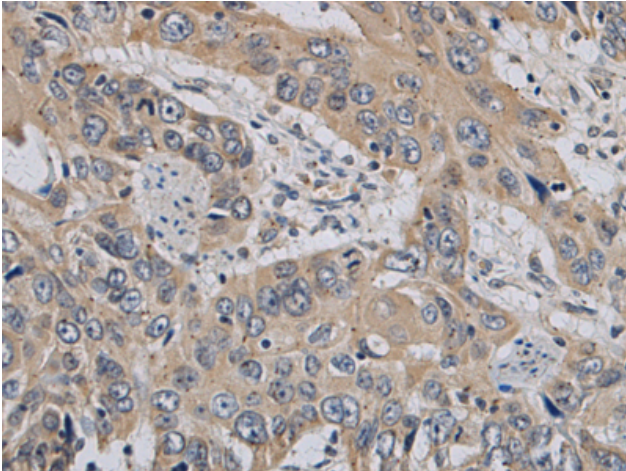
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse, Rat

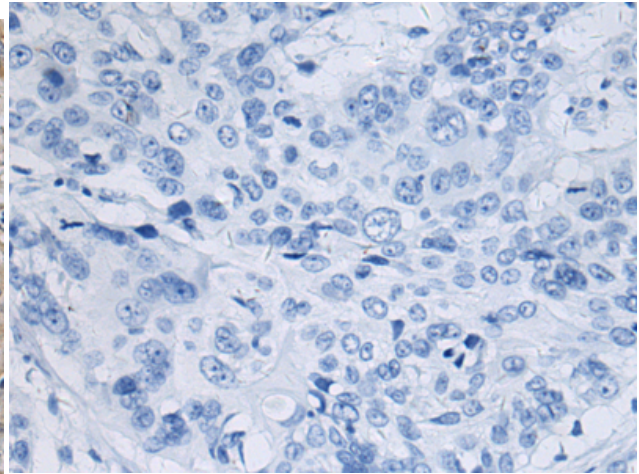
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Metabolism, Cancer

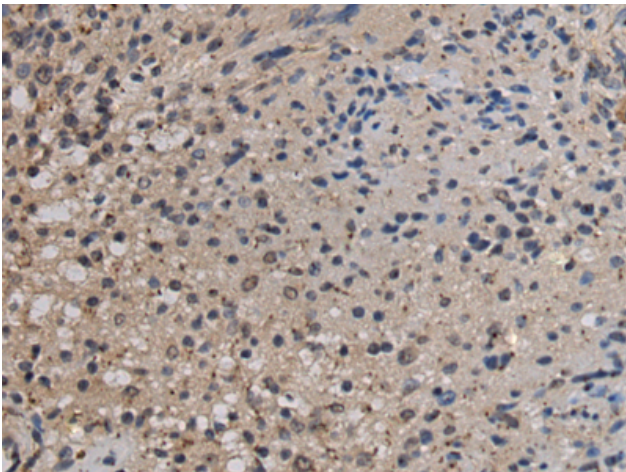
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



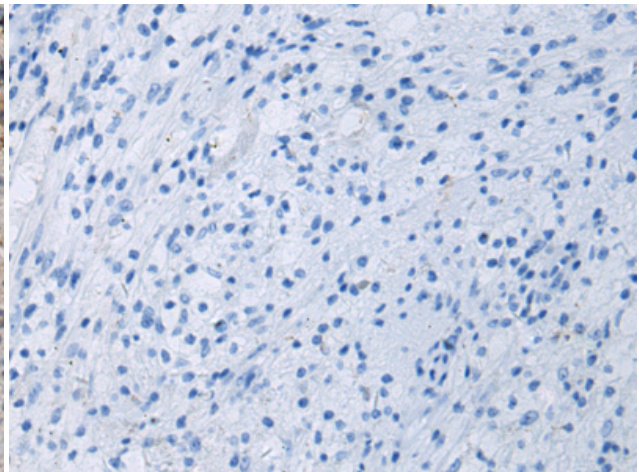
Immunohistochemistry analysis of paraffin embedded Human esophagus cancer tissue using 219363(GPD2 Antibody) at a dilution of 1/160(Cytoplasm).



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.