

## MTHFR RABBIT PAB

**Cat.#:** S221503

**Product Name:** Anti-MTHFR Rabbit Polyclonal Antibody

**Synonyms:**

**UNIPROT ID:** P42898 (Gene Accession - NP\_005948 )

**Background:** The protein encoded by this gene catalyzes the conversion of 5,10-methylenetetrahydrofolate to 5-methyltetrahydrofolate, a co-substrate for homocysteine remethylation to methionine. Genetic variation in this gene influences susceptibility to occlusive vascular disease, neural tube defects, colon cancer and acute leukemia, and mutations in this gene are associated with methylenetetrahydrofolate reductase deficiency.

**Immunogen:** Synthetic peptide of human MTHFR

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 25-100; ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

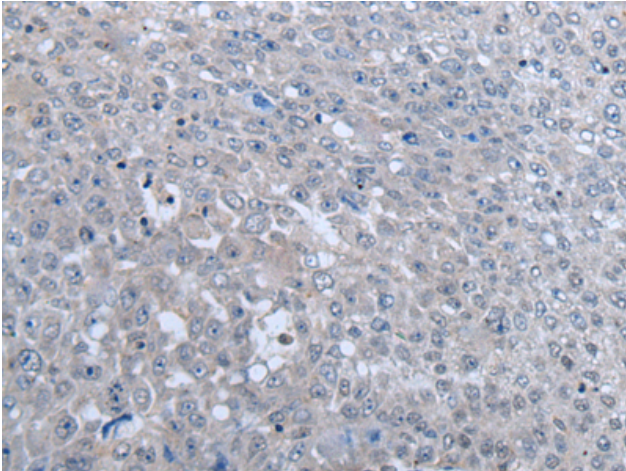
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse

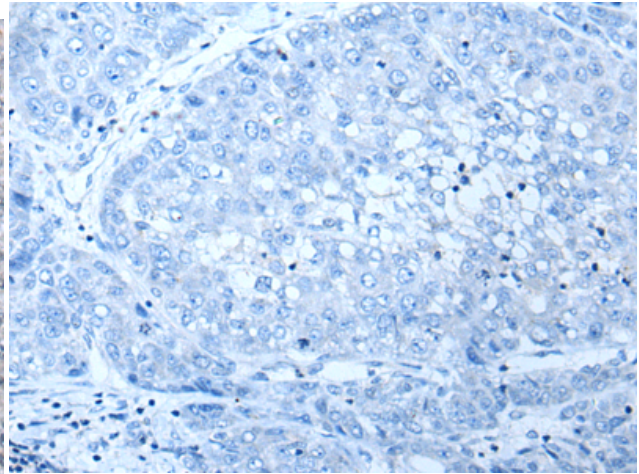
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Metabolism

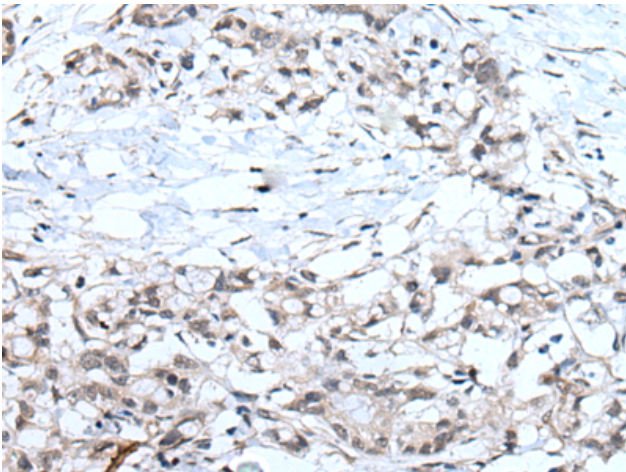
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



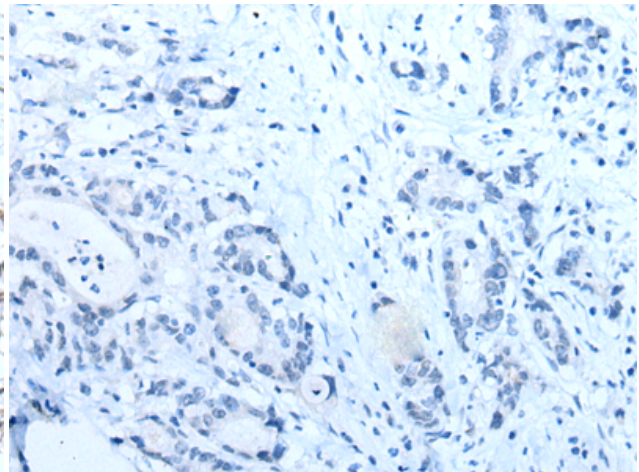
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 221503(MTHFR Antibody) at a dilution of 1/35(Nucleus).



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 221503(Anti-MTHFR Antibody) at dilution 1/35.



The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using 221503(Anti-MTHFR Antibody) at a dilution of 1/35.



In comparison with the IHC on the left, the same paraffin-embedded Human gastric cancer tissue is first treated with synthetic peptide and then with D263129(Anti-MTHFR Antibody) at dilution 1/35.