

## MTHFS RABBIT PAB

**Cat.#:** S219009

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

**Synonyms:** HsT19268

**UNIPROT ID:** P49914 (Gene Accession - BC019921 )

**Background:** The protein encoded by this gene is an enzyme that catalyzes the conversion of 5-formyltetrahydrofolate to 5,10-methenyltetrahydrofolate, a precursor of reduced folates involved in 1-carbon metabolism. An increased activity of the encoded protein can result in an increased folate turnover rate and folate depletion. Three transcript variants encoding two different isoforms have been found for this gene.

**Immunogen:** Fusion protein of human MTHFS

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 40-200; ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

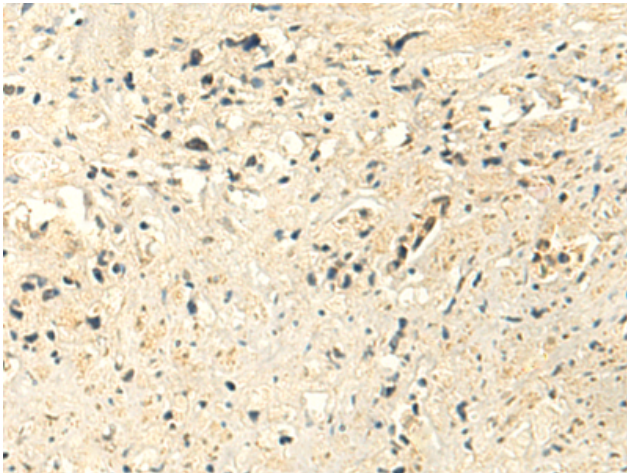
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse

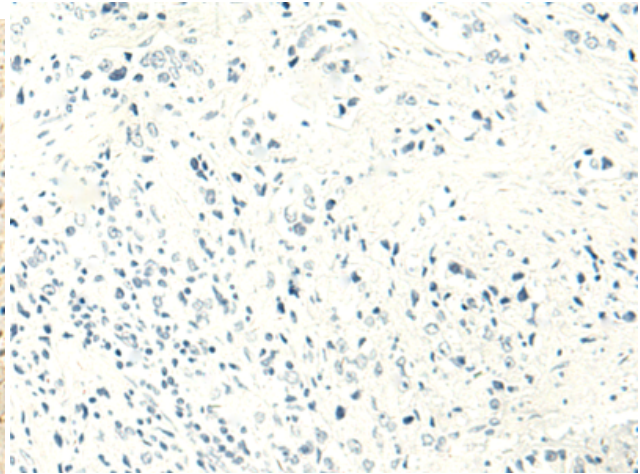
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Metabolism

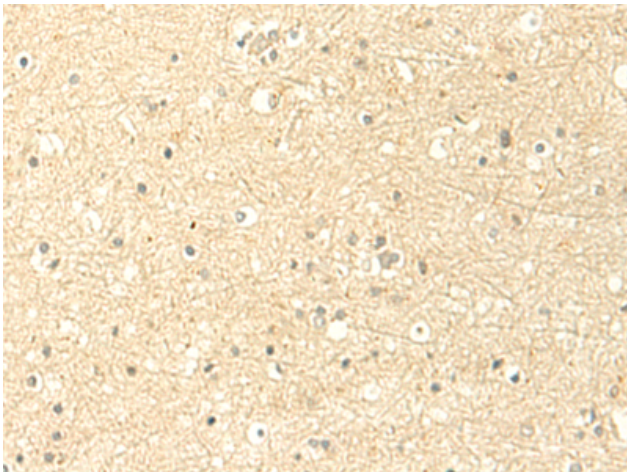
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



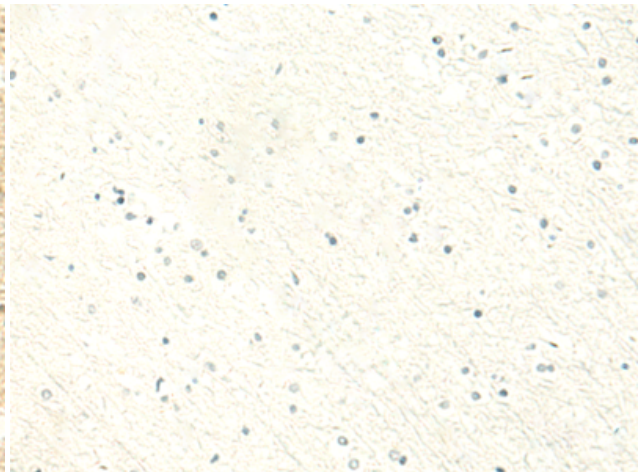
Immunohistochemistry analysis of paraffin embedded Human prostate cancer tissue using 219009(MTHFS Antibody) at a dilution of 1/50(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human prostate cancer tissue is first treated with the fusion protein and then with 219009(Anti-MTHFS Antibody) at dilution 1/50.



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using 219009(Anti-MTHFS Antibody) at a dilution of 1/50.



In comparison with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with fusion protein and then with D225644(Anti-MTHFS Antibody) at dilution 1/50.