

TH RABBIT PAB

Cat.#: S220017

Product Name: Anti-TH Rabbit Polyclonal Antibody

Synonyms: TYH; DYT14; DYT5b

UNIPROT ID: P07101 (Gene Accession - NP_000351)

Background: The protein encoded by this gene is involved in the conversion of tyrosine to dopamine. It is the rate-limiting enzyme in the synthesis of catecholamines, hence plays a key role in the physiology of adrenergic neurons. Mutations in this gene have been associated with autosomal recessive Segawa syndrome. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.

Immunogen: Synthetic peptide of human TH

Applications: ELISA, IHC

Recommended Dilutions: IHC: 15-50; ELISA: 1000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

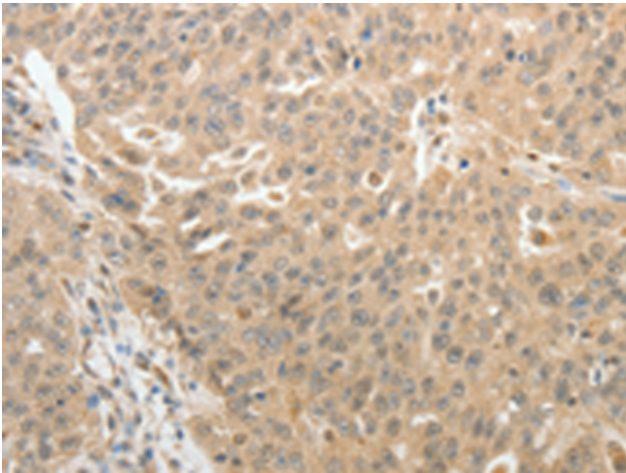
Purification: Antigen affinity purification

Species Reactivity: Human

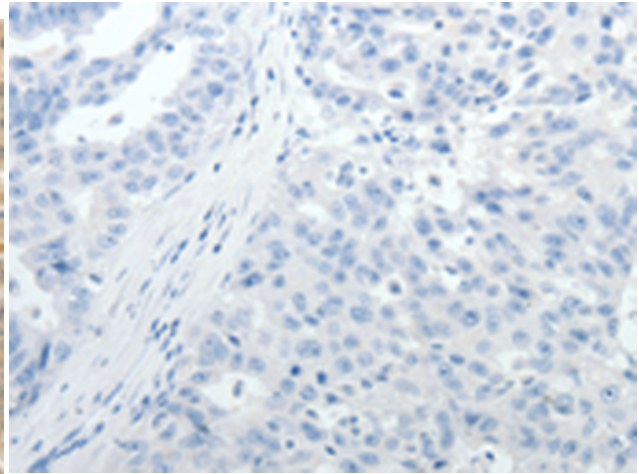
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Cancer, Cardiovascular, Metabolism, Neuroscience

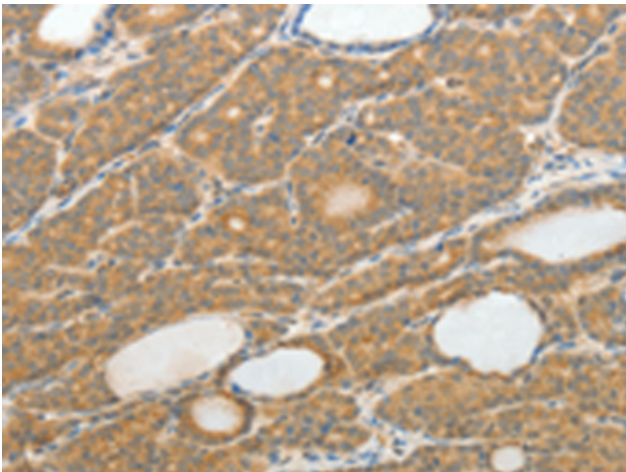
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



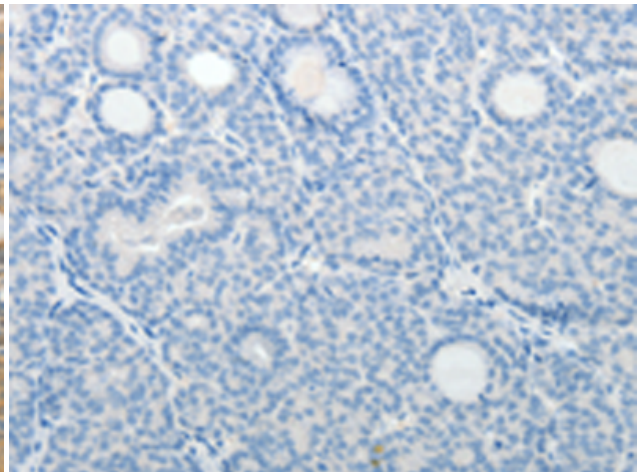
Immunohistochemistry analysis of paraffin-embedded Human ovarian cancer tissue using 220017(TH Antibody) at a dilution of 1/10(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human ovarian cancer tissue is first treated with the synthetic peptide and then with 220017(Anti-TH Antibody) at dilution 1/10.



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 220017(Anti-TH Antibody) at a dilution of 1/10.



In comparison with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with synthetic peptide and then with D260785(Anti-TH Antibody) at dilution 1/10.