

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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

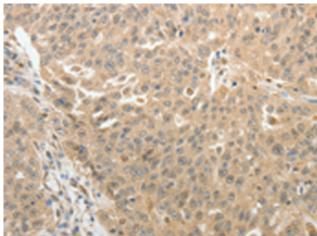
Research Areas: Cancer, Cardiovascular, Metabolism, Neuroscience

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

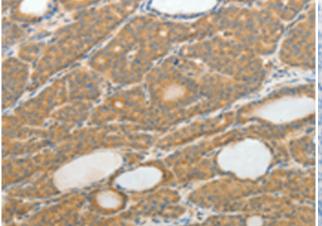


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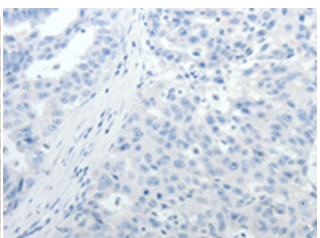
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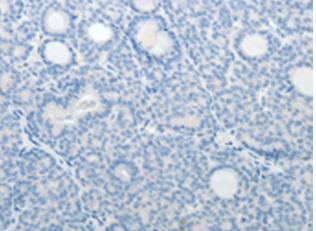
Immunohistochemistry analysis of paraffin embedded Human ovarian cancer tissue using 220017(TH Antibody) at a dilution of 1/10(Cytoplasm).



The image on the left is immunohistochemistry of paraffinembedded Human thyroid cancer tissue using 220017(Anti-TH Antibody) at a dilution of peptide and then with D260785(Anti-TH 1/10.



In comparision 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.



In comparision with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with synthetic Antibody) at dilution 1/10.