

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

TPH1 RABBIT PAB

Cat.#: S216843

Product Name: Anti-TPH1 Rabbit Polyclonal Antibody

Synonyms: TPRH; TRPH

UNIPROT ID: P17752 (Gene Accession - BC106739)

Background: This gene encodes a member of the aromatic amino acid hydroxylase family. The encoded protein catalyzes the first and rate limiting step in the biosynthesis of serotonin, an important hormone and neurotransmitter. Mutations in this gene have been associated with an elevated risk for a variety of diseases and disorders, including schizophrenia, somatic anxiety,

anger-related traits, bipolar disorder, suicidal behavior, addictions, and others.

Immunogen: Fusion protein of human TPH1

Applications: ELISA, IHC

Recommended Dilutions: IHC: 25-100; ELISA: 2000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification **Species Reactivity:** Human, Mouse, Rat

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

glycerol

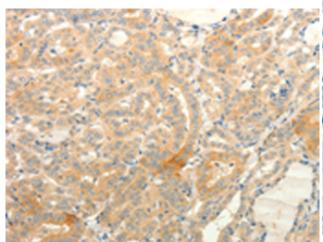
Research Areas: Metabolism, Cancer, Neuroscience

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

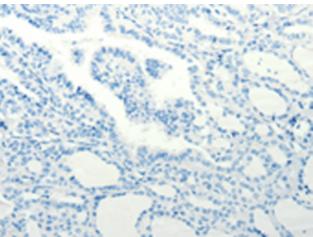


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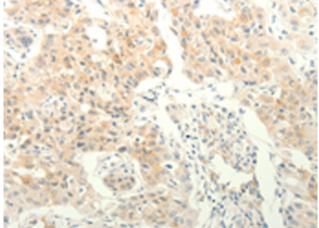
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Immunohistochemistry analysis of paraffin embedded Human thyroid cancer tissue using 216843(TPHI Antibody) at a dilution of 1/25(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with the fusion protein and then with 216843(Anti-TPHI Antibody) at dilution 1/25.



The image on the left is immunohistochemistry of paraffinembedded Human lung cancer tissue using 216843(Anti-TPHI Antibody) at a dilution of 1/25.

