

## SETDB1 RABBIT PAB

**Cat.#:** S212799

**Product Name:** Anti-SETDB1 Rabbit Polyclonal Antibody

**Synonyms:** ESET; KGIT; KMT1E; TDRD21; H3-K9-HMTase4

**UNIPROT ID:** Q15047 (Gene Accession - BC009362 )

**Background:** This gene encodes a histone methyltransferase which regulates histone methylation, gene silencing, and transcriptional repression. This gene has been identified as a target for treatment in Huntington Disease, given that gene silencing and transcription dysfunction likely play a role in the disease pathogenesis. Alternatively spliced transcript variants of this gene have been described.

**Immunogen:** Fusion protein of human SETDB1

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 50-300; ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

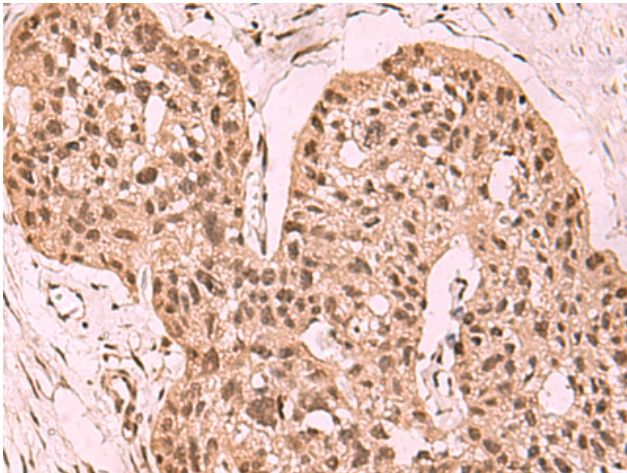
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse

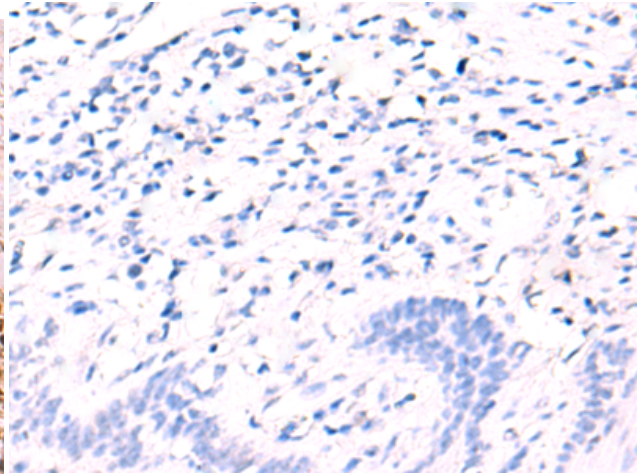
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Epigenetics and Nuclear Signaling

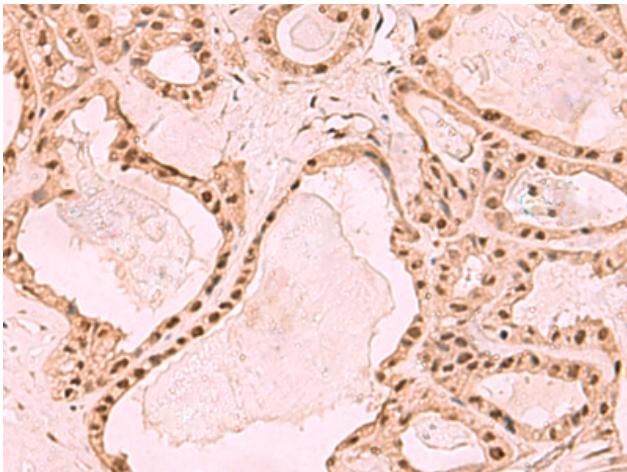
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



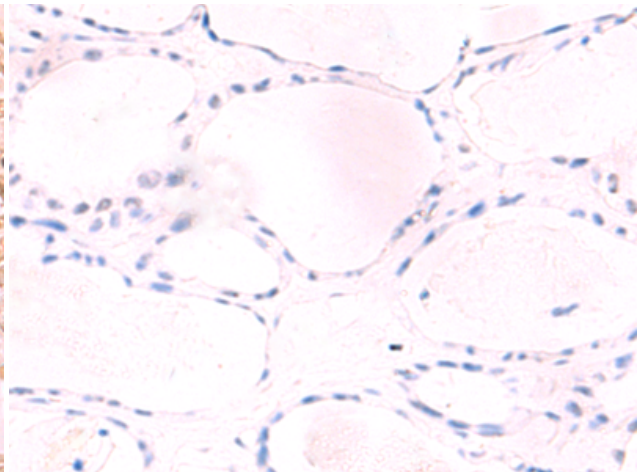
Immunohistochemistry analysis of paraffin embedded Human esophagus cancer tissue using 212799 (SETDB1 Antibody) at a dilution of 1/60 (Nucleus and Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with the fusion protein and then with 212799 (Anti-SETDB1 Antibody) at dilution 1/60.



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 212799 (Anti-SETDB1 Antibody) at a dilution of 1/60.



In comparison with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with fusion protein and then with D125846 (Anti-SETDB1 Antibody) at dilution 1/60.