

TXNDC5 RABBIT PAB

Cat.#: S217963

Product Name: Anti-TXNDC5 Rabbit Polyclonal Antibody

Synonyms: HCC2; ERP46; HCC-2; STRF8; PDIA15; UNQ364; ENDOPDI

UNIPROT ID: Q8NBS9 (Gene Accession - BC052310)

Background: This gene encodes a member of the disulfide isomerase (PDI) family of endoplasmic reticulum (ER) proteins that catalyze protein folding and thiol-disulfide interchange reactions. The encoded protein has an N-terminal endoplasmic reticulum (ER)-signal sequence, three catalytically active thioredoxin domains and a C-terminal ER-retention sequence. Its expression is induced by hypoxia and its role may be to protect hypoxic cells from apoptosis. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the neighboring upstream BLOC1S5 gene.

Immunogen: Fusion protein of human TXNDC5

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 200-400;WB: 500-2000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

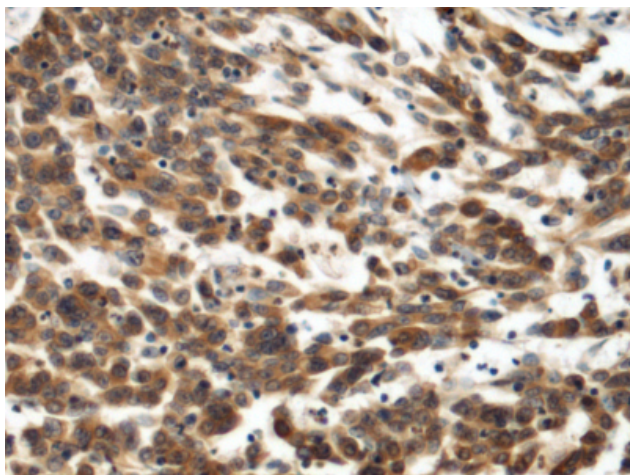
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse

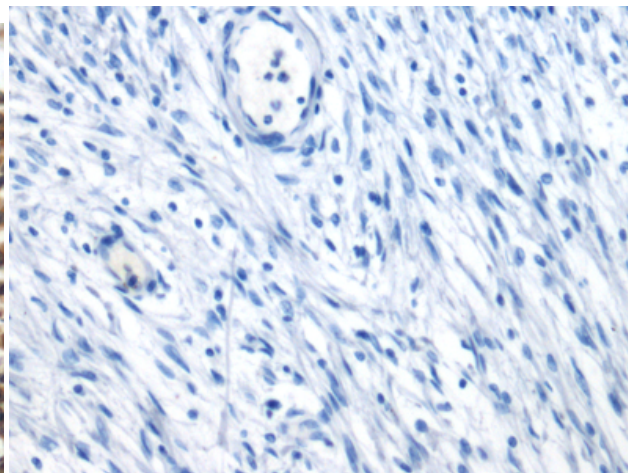
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction, Cancer

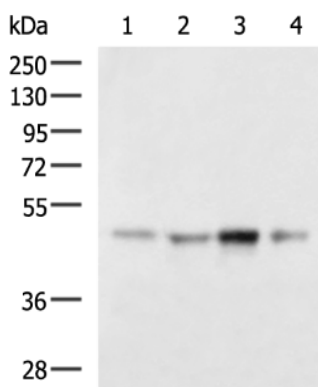
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human colorectal cancer tissue using 217963(TXNDC5 Antibody) at a dilution of 1/180(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human colorectal cancer tissue is first treated with the fusion protein and then with 217963(Anti-TXNDC5 Antibody) at dilution 1/180.



Gel: 8%SDS-PAGE, Lysate: 40 µg;
 Lane 1-4: HT29, 293T, HeLa cell, Human placenta tissue lysates;
 Primary antibody: 217963(TXNDC5 Antibody) at dilution 1/1350;
 Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;
 Exposure time: 10 seconds