

## DUSP13 RABBIT PAB

**Cat.#:** S216497

**Product Name:** Anti-DUSP13 Rabbit Polyclonal Antibody

**Synonyms:** BEDP; MDSP; TMDP; SKRP4; DUSP13A; DUSP13B

**UNIPROT ID:** Q9UII6 (Gene Accession - BC009778 )

**Background:** Members of the protein-tyrosine phosphatase superfamily cooperate with protein kinases to regulate cell proliferation and differentiation. This superfamily is separated into two families based on the substrate that is dephosphorylated. One family, the dual specificity phosphatases (DSPs) acts on both phosphotyrosine and phosphoserine/threonine residues. This gene encodes different but related DSP proteins through the use of non-overlapping open reading frames, alternate splicing, and presumed different transcription promoters. Expression of the distinct proteins from this gene has been found to be tissue specific and the proteins may be involved in postnatal development of specific tissues.

**Immunogen:** Fusion protein of human DUSP13

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 50-200; ELISA: 2000-5000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

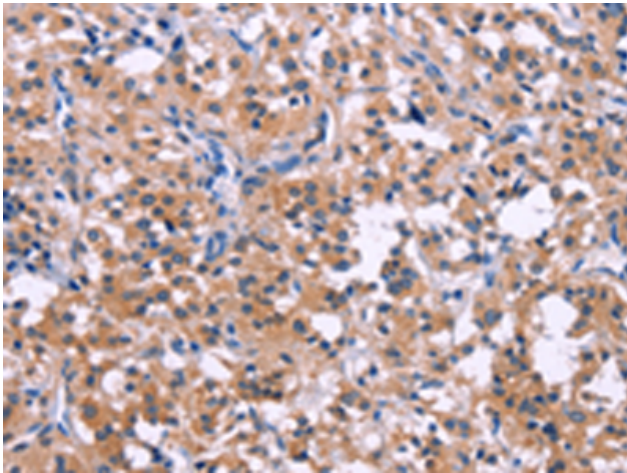
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse

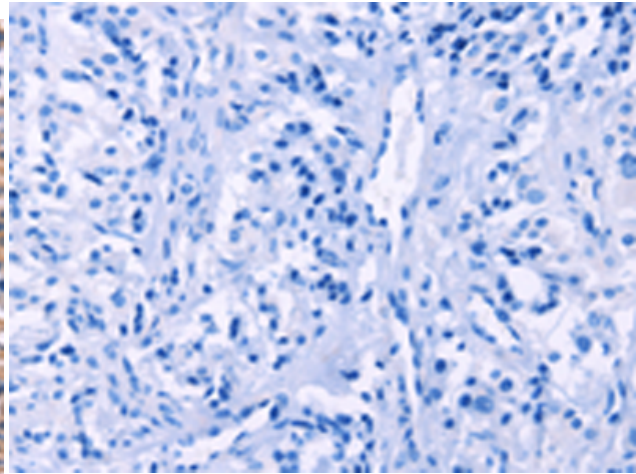
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Signal Transduction, Cancer, Developmental Biology

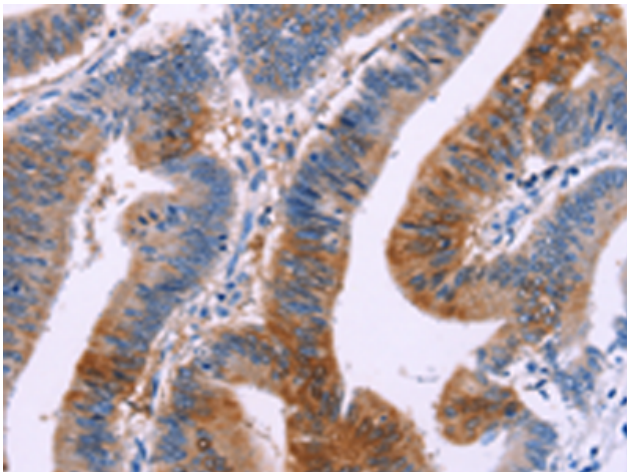
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



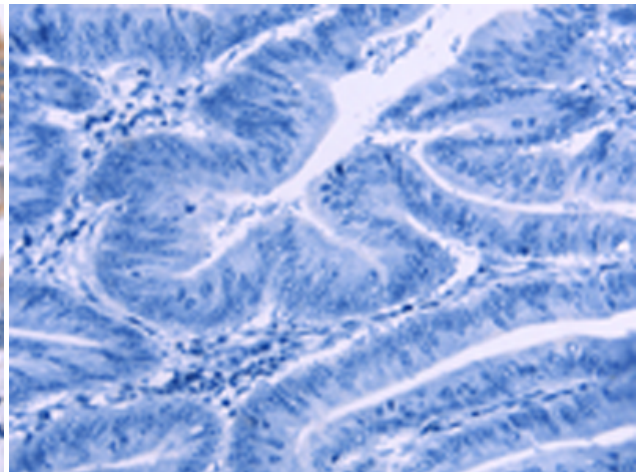
Immunohistochemistry analysis of paraffin embedded Human thyroid cancer tissue using 216497 (DUSP13 Antibody) at a dilution of 1/50 (Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with the fusion protein and then with 216497 (Anti-DUSP13 Antibody) at dilution 1/50.



The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using 216497 (Anti-DUSP13 Antibody) at a dilution of 1/50.



In comparison with the IHC on the left, the same paraffin-embedded Human colon cancer tissue is first treated with fusion protein and then with D220604 (Anti-DUSP13 Antibody) at dilution 1/50.