

## STEAP4 RABBIT PAB

**Cat.#:** S220214

**Product Name:** Anti-STEAP4 Rabbit Polyclonal Antibody

**Synonyms:** TIARP; STAMP2; SchLAH; TNFAIP9

**UNIPROT ID:** Q687X5 (Gene Accession - NP\_001192244 )

**Background:** The protein encoded by this gene belongs to the STEAP (six transmembrane epithelial antigen of prostate) family, and resides in the golgi apparatus. It functions as a metalloreductase that has the ability to reduce both Fe(3+) to Fe(2+) and Cu(2+) to Cu(1+), using NAD(+) as acceptor. Studies in mice and human suggest that this gene maybe involved in adipocyte development and metabolism, and may contribute to the normal biology of the prostate cell, as well as prostate cancer progression. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2011]

**Immunogen:** Synthetic peptide of human STEAP4

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 40-100; ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

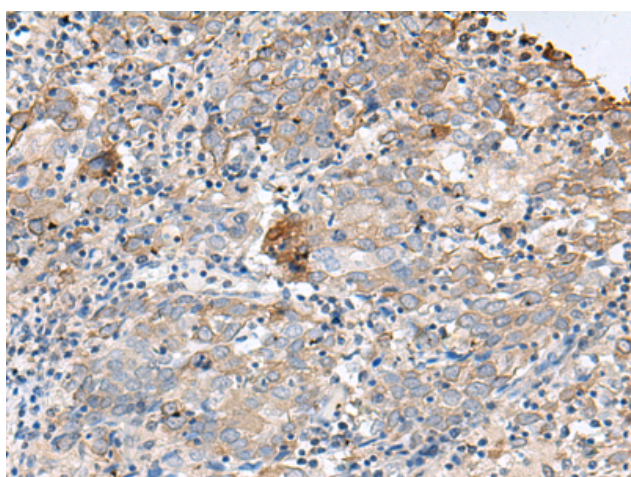
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse

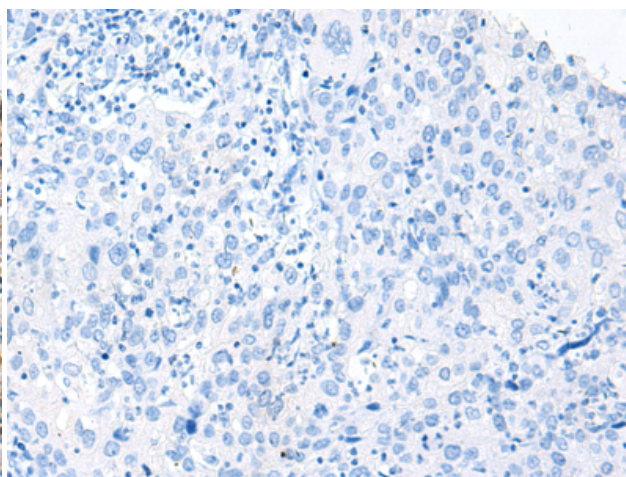
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Cancer, Metabolism

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



Immunohistochemistry analysis of paraffin embedded Human cervical cancer tissue using 220214(STEAP4 Antibody) at a dilution of 1/45(Cell membrane).



In comparison with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with the synthetic peptide and then with 220214(Anti-STEAP4 Antibody) at dilution 1/45.