

## PSCA RABBIT PAB

**Cat.#:** S220179

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

**Synonyms:** PRO232

**UNIPROT ID:** O43653 (Gene Accession - NP\_005663 )

**Background:** This gene encodes a glycosylphosphatidylinositol-anchored cell membrane glycoprotein. In addition to being highly expressed in the prostate it is also expressed in the bladder, placenta, colon, kidney, and stomach. This gene is up-regulated in a large proportion of prostate cancers and is also detected in cancers of the bladder and pancreas. This gene includes a polymorphism that results in an upstream start codon in some individuals; this polymorphism is thought to be associated with a risk for certain gastric and bladder cancers. Alternative splicing results in multiple transcript variants.

**Immunogen:** Synthetic peptide of human PSCA

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 50-200;WB: 500-2000;ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

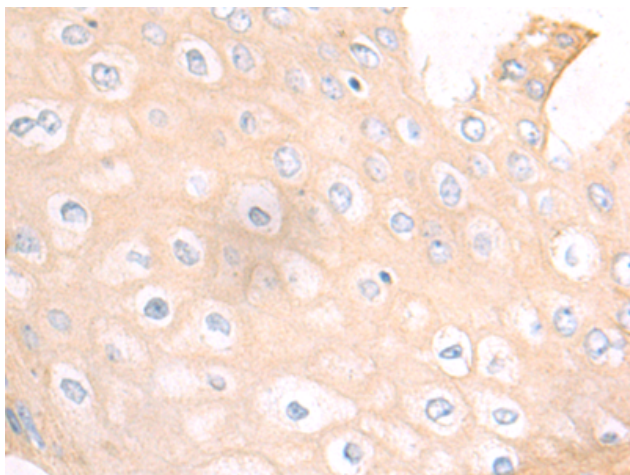
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse

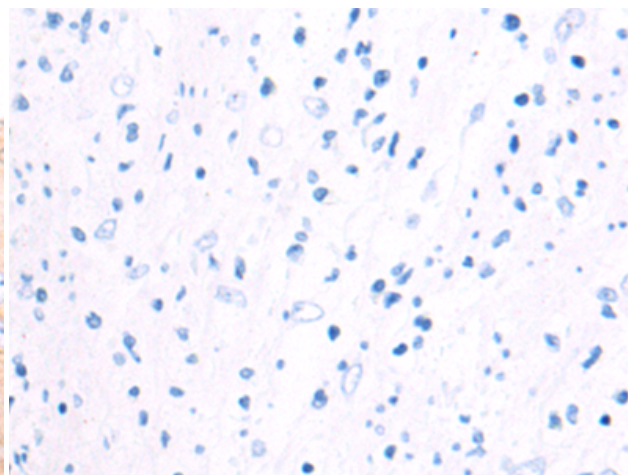
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Stem Cells

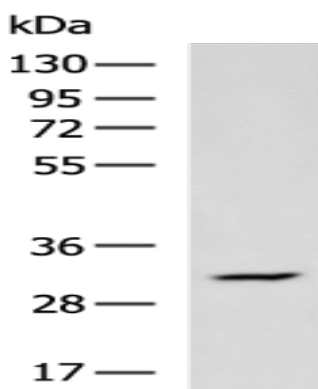
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human esophagus cancer tissue using 220179(PSCA Antibody) at a dilution of 1/50(Cell membrane).



In comparison with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with the synthetic peptide and then with 220179(Anti-PSCA Antibody) at dilution 1/50.



Gel: 8%SDS-PAGE, Lysate: 40  $\mu$ g;  
Lane: Mouse fetal tissue lysate;  
Primary antibody: 220179(PSCA Antibody) at dilution 1/400;  
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;  
Exposure time: 1 minute