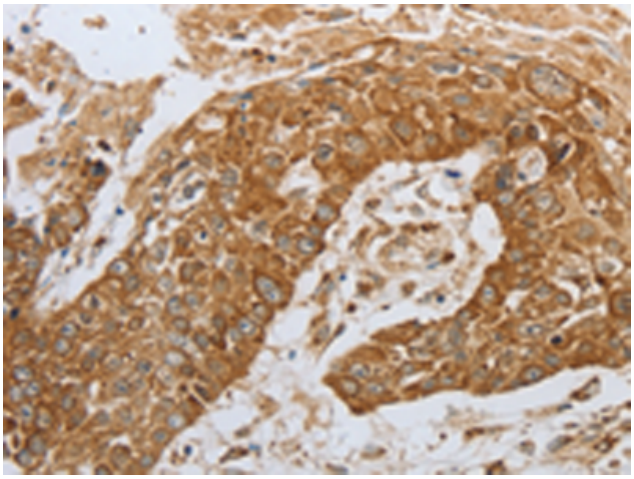
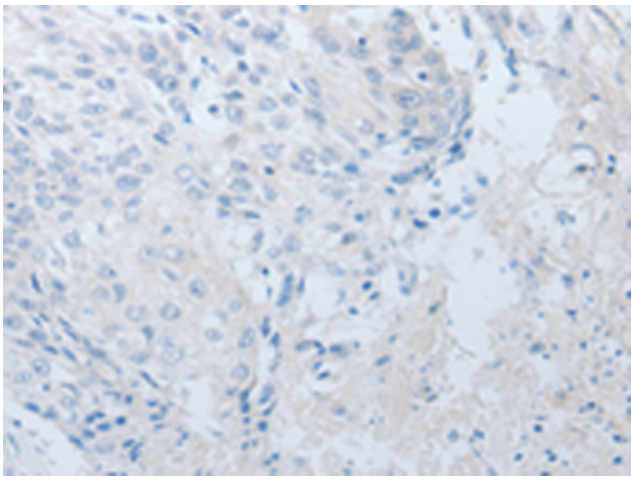
CKM RABBIT PAB

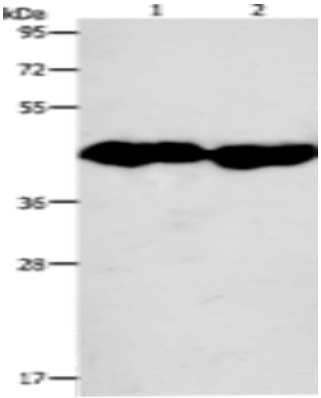
Cat.#: S219646
Product Name: Anti-CKM Rabbit Polyclonal Antibody
Synonyms: CKMM, M-CK
UNIPROT ID: P06732 (Gene Accession - NP_001815)
Background: The protein encoded by this gene is a cytoplasmic enzyme involved in energy homeostasis and is an important serum marker for myocardial infarction. The encoded protein reversibly catalyzes the transfer of phosphate between ATP and various phosphogens such as creatine phosphate. It acts as a homodimer in striated muscle as well as in other tissues, and as a heterodimer with a similar brain isozyme in heart. The encoded protein is a member of the ATP:guanido phosphotransferase protein family
Immunogen: Synthetic peptide of human CKM
Applications: ELISA, WB, IHC
Recommended Dilutions: IHC: 50-200;WB: 1000-5000;ELISA: 2000-10000
Host Species: Rabbit
Clonality: Rabbit Polyclonal
Isotype: Immunogen-specific rabbit IgG
Purification: Antigen affinity purification
Species Reactivity: Human, Mouse, Rat
Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol
Research Areas: Metabolism, Cardiovascular
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human esophagus cancer tissue using 219646(CKM Antibody) at a dilution of 1/50(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with the synthetic peptide and then with 219646(Anti-CKM Antibody) at dilution 1/50.



Gel: 10%SDS-PAGE, Lysate: 50 µg;
Lane 1-2: Mouse muscle tissue, Mouse Heart tissue;
Primary antibody: 219646(CKM Antibody) at dilution 1/950;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 2 seconds