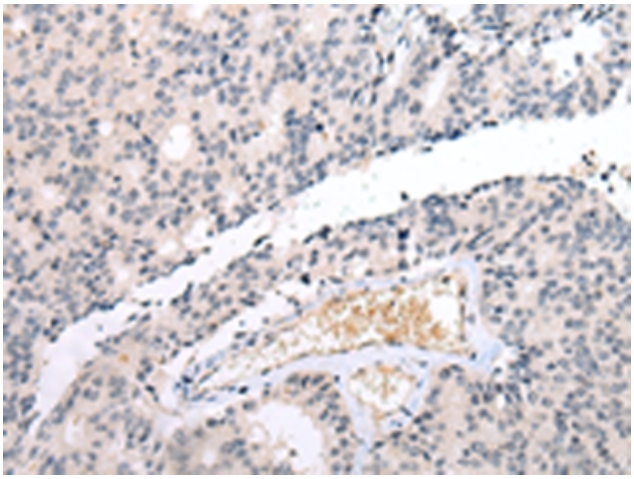
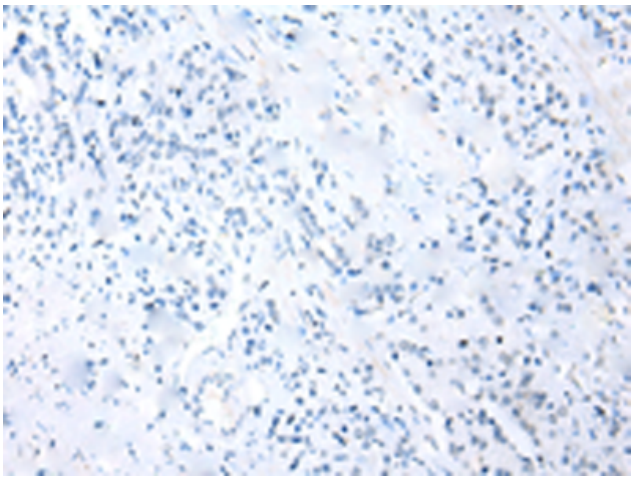
DUSP9 RABBIT PAB

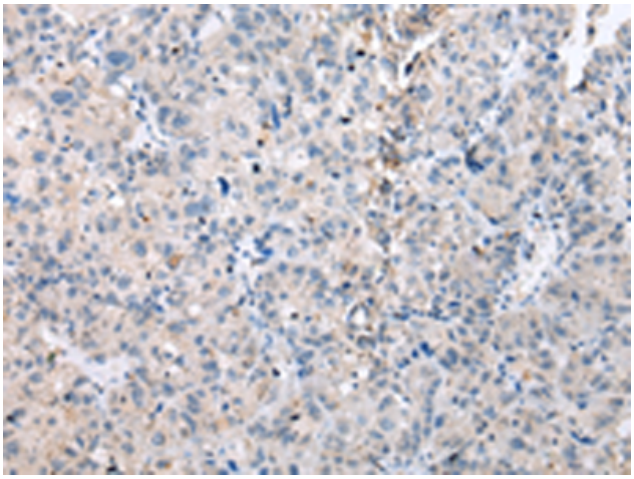
Cat.#: S215005
Product Name: Anti-DUSP9 Rabbit Polyclonal Antibody
Synonyms: MKP4; MKP-4
UNIPROT ID: Q99956 (Gene Accession - NP_001386)
Background: The protein encoded by this gene is a member of the dual specificity protein phosphatase subfamily. These phosphatases inactivate their target kinases by dephosphorylating both the phosphoserine/threonine and phosphotyrosine residues. They negatively regulate members of the mitogen-activated protein (MAP) kinase superfamily (MAPK/ERK, SAPK/JNK, p38), which is associated with cellular proliferation and differentiation. Different members of the family of dual specificity phosphatases show distinct substrate specificities for various MAP kinases, different tissue distribution and subcellular localization, and different modes of inducibility of their expression by extracellular stimuli. This gene product shows selectivity for members of the ERK family of MAP kinases, is expressed only in placenta, kidney, and fetal liver, and is localized to the cytoplasm and nucleus.
Immunogen: Synthetic peptide of human DUSP9
Applications: ELISA, IHC
Recommended Dilutions: IHC: Oct-50; ELISA: 1000-2000
Host Species: Rabbit
Clonality: Rabbit Polyclonal
Isotype: Immunogen-specific rabbit IgG
Purification: Antigen affinity purification
Species Reactivity: Human
Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol
Research Areas: Signal Transduction
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



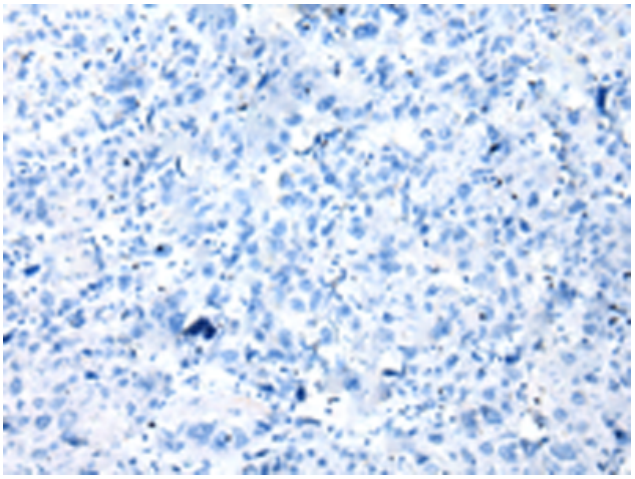
Immunohistochemistry analysis of paraffin embedded Human prostate cancer tissue using 215005(DUSP9 Antibody) at a dilution of 1/20(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human prostate cancer tissue is first treated with the synthetic peptide and then with 215005(Anti-DUSP9 Antibody) at dilution 1/20.



The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using 215005(Anti-DUSP9 Antibody) at a dilution of 1/20.



In comparision with the IHC on the left, the same paraffin-embedded Human ovarian cancer tissue is first treated with synthetic peptide and then with D162746(Anti-DUSP9 Antibody) at dilution 1/20.