MORC2 RABBIT PAB

Cat.#: S218039
Product Name: Anti-MORC2 Rabbit Polyclonal Antibody
Synonyms: ZCW3; ZCWCC1
UNIPROT ID: Q9Y6X9 (Gene Accession - BC019257)
Background: The CW domain is a structural module found in many vertebrate, parasitic and plant proteins. It consists of a mononuclear four-cysteine zinc-finger domain that plays a role in DNA binding, chromatin methylation and early embryonic development. ZCWCC1 (zinc finger CW-type coiled-coil domain protein 1), also known as MORC2 (MORC family CW-type zinc finger protein 2) or ZCW3, is a 1,032 amino acid protein that contains one CW-type zinc finger domain. ZCWCC1 is located on chromosome 22 and is ubiquitously expressed with highest expression in pancreas, smooth muscle and testis. Expression of ZCWCC1 is upregulated in hypoxia, a pathological condition characterized by an inadequate supply of oxygen in the blood.
Immunogen: Fusion protein of human MORC2
Applications: ELISA, WB, IHC
Recommended Dilutions: IHC: 25-100;WB: 500-2000;ELISA: 5000-10000
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: Epigenetics and Nuclear Signaling
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

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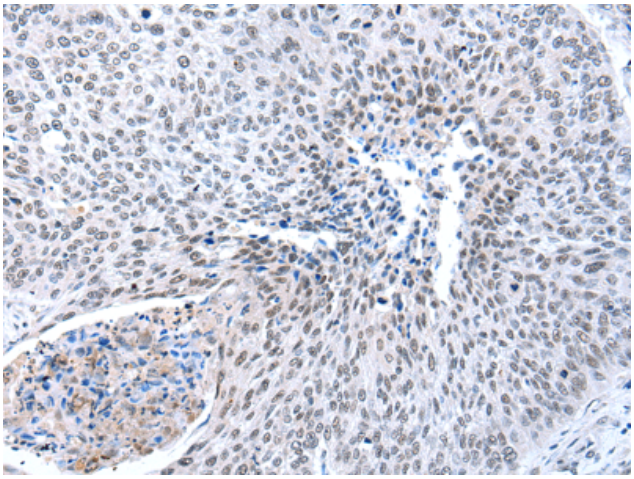
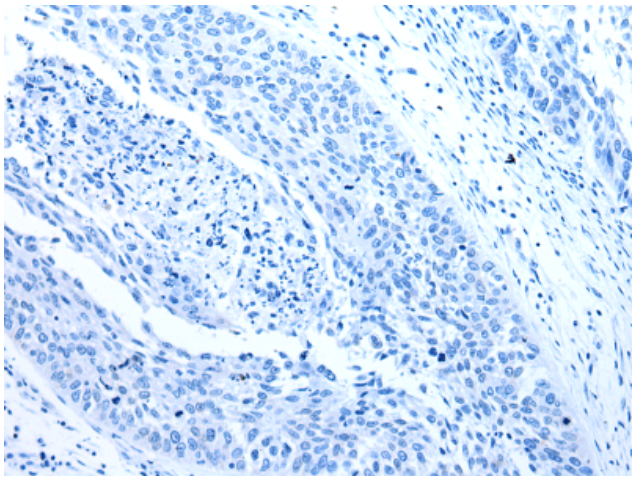
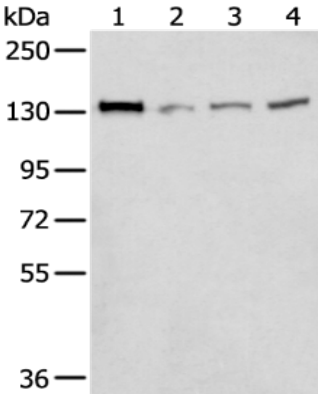


Immunohistochemistry analysis of paraffin embedded Human lung cancer tissue using 218039(MORC2 Antibody) at a dilution of 1/25(Nucleus).



In comparision with the IHC on the left, the same paraffin-embedded Human lung cancer tissue is first treated with the fusion protein and then with 218039(Anti-MORC2 Antibody) at dilution 1/25.



Gel: 6%SDS-PAGE, Lysate: 40 µg;
Lane 1-4: 231, 293T, Hela and A172 cell lysates;
Primary antibody: 218039(MORC2 Antibody) at dilution 1/300;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 20 seconds

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