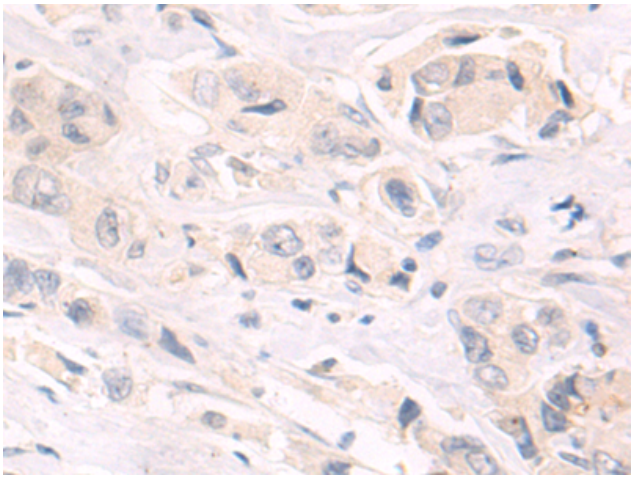
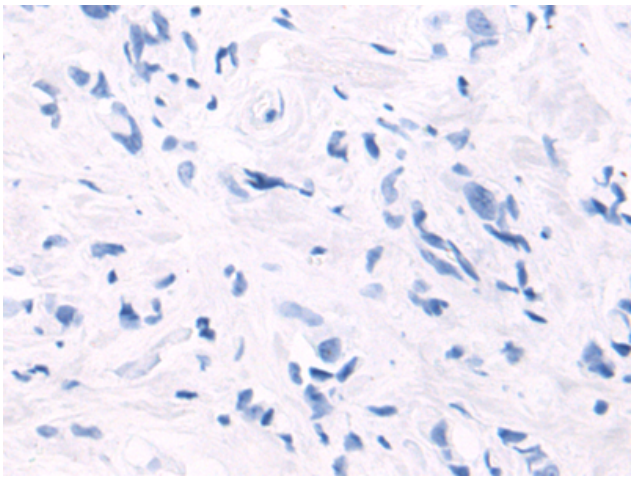
EREG RABBIT PAB

Cat.#: S221977
Product Name: Anti-EREG Rabbit Polyclonal Antibody
Synonyms: ER; Ep; EPR
UNIPROT ID: O14944 (Gene Accession - NP_001423)
Background: This gene encodes a secreted peptide hormone and member of the epidermal growth factor (EGF) family of proteins. The encoded protein is a ligand of the epidermal growth factor receptor (EGFR) and the structurally related erb-b2 receptor tyrosine kinase 4 (ERBB4). The encoded protein may be involved in a wide range of biological processes including inflammation, wound healing, oocyte maturation, and cell proliferation. Additionally, the encoded protein may promote the progression of cancers of various human tissues.
Immunogen: Synthetic peptide of human EREG
Applications: ELISA, WB, IHC
Recommended Dilutions: IHC: 50-200;WB: 1000-5000;ELISA: 5000-10000
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: Signal Transduction, Cancer
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

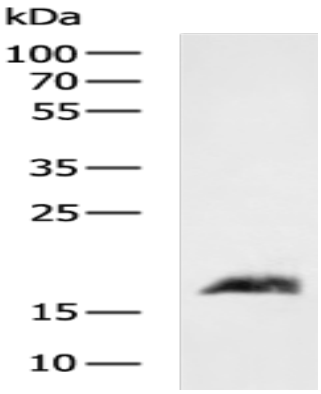
FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC APPLICATIONS



Immunohistochemistry analysis of paraffin embedded Human breast cancer tissue using 221977(EREG Antibody) at a dilution of 1/50(Secreted).



In comparision with the IHC on the left, the same paraffin-embedded Human breast cancer tissue is first treated with the synthetic peptide and then with 221977(Anti-EREG Antibody) at dilution 1/50.



Gel: 12%SDS-PAGE, Lysate: 40 µg;
Lane: LOVO cell lysate;
Primary antibody: 221977(EREG Antibody) at dilution 1/1000;
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;
Exposure time: 10 seconds

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