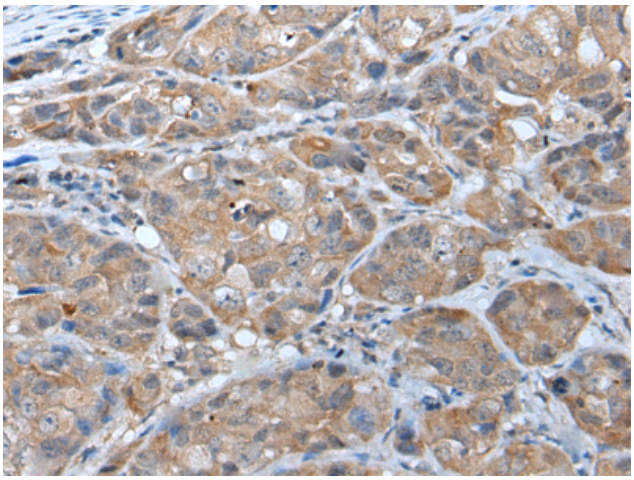
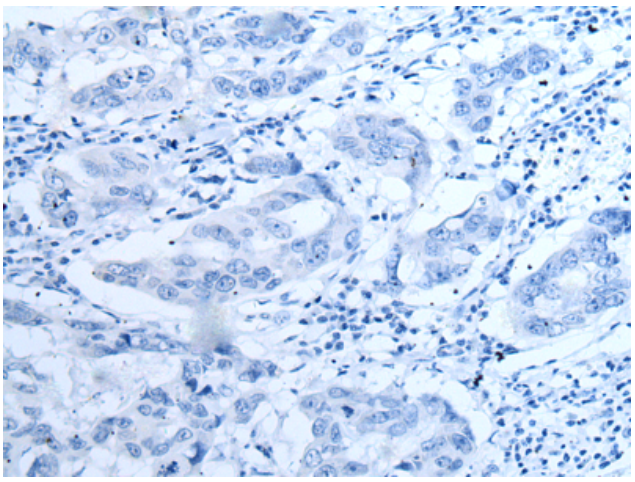
DRD2 RABBIT PAB

Cat.#: S215031
Product Name: Anti-DRD2 Rabbit Polyclonal Antibody
Synonyms: D2R; D2DR
UNIPROT ID: P14416 (Gene Accession - NP_000786)
Background: This gene encodes the D2 subtype of the dopamine receptor. This G-protein coupled receptor inhibits adenylyl cyclase activity. A missense mutation in this gene causes myoclonus dystonia; other mutations have been associated with schizophrenia. Alternative splicing of this gene results in two transcript variants encoding different isoforms. A third variant has been described, but it has not been determined whether this form is normal or due to aberrant splicing.
Immunogen: Synthetic peptide of human DRD2
Applications: ELISA, IHC
Recommended Dilutions: IHC: 25-100; 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, Neuroscience
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human breast cancer tissue using 215031(DRD2 Antibody) at a dilution of 1/30(Cytoplasm and Cell membrane).



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 215031(Anti-DRD2 Antibody) at dilution 1/30.