

## GUCY1B1 RABBIT PAB

**Cat.#:** S219422

**Product Name:** Anti-GUCY1B1 Rabbit Polyclonal Antibody

**Synonyms:** GUCB3; GC-SB3; GUC1B3; GUCSB3; GUCY1B3; GC-S-beta-1

**UNIPROT ID:** Q02153 (Gene Accession - BC047620 )

**Background:** This gene encodes the beta subunit of the soluble guanylate cyclase (sGC), which catalyzes the conversion of GTP (guanosine triphosphate) to cGMP (cyclic guanosine monophosphate). The encoded protein contains an HNOX domain, which serves as a receptor for ligands such as nitric oxide, oxygen and nitrovasodilator drugs. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2014]

**Immunogen:** Fusion protein of human GUCY1B1

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 150-300; ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

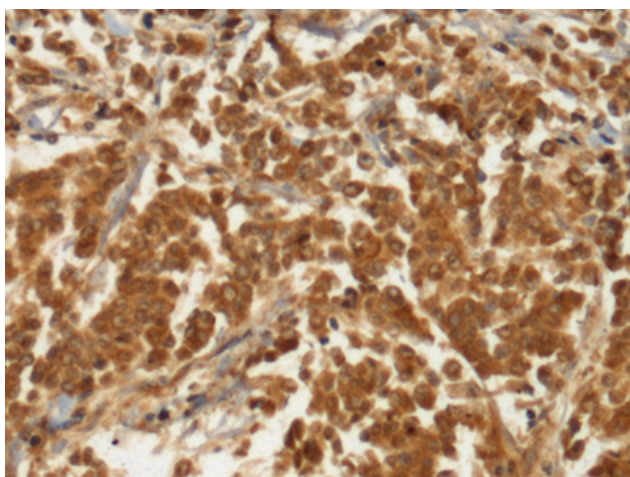
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse, Rat

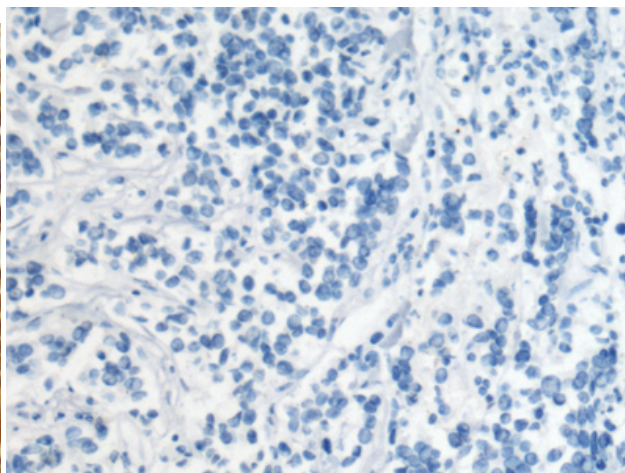
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Signal Transduction

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human breast cancer tissue using 219422(GUCY1B1 Antibody) at a dilution of 1/110(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human breast cancer tissue is first treated with the fusion protein and then with 219422(Anti-GUCY1B1 Antibody) at dilution 1/110.