

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **GPR132 RABBIT PAB**

Cat.#: S222097

**Product Name:** Anti-GPR132 Rabbit Polyclonal Antibody

Synonyms: G2A

**UNIPROT ID:** Q9UNW8 (Gene Accession - NP\_037477)

**Background:** This gene encodes a member of the guanine nucleotide-binding protein (G protein)-coupled receptor (GPCR) superfamily. The receptors are seven-pass transmembrane proteins that respond to extracellular cues and activate intracellular signal transduction pathways. This protein was reported to be a receptor for lysophosphatidylcholine action, but PubMedID:

15653487 retracts this finding and instead suggests this protein to be an effector of

lysophosphatidylcholine action. This protein may have proton-sensing activity and may be a receptor for oxidized free fatty acids. Alternative splicing results in multiple transcript variants.

**Immunogen:** Synthetic peptide of human GPR132

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 50-100;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

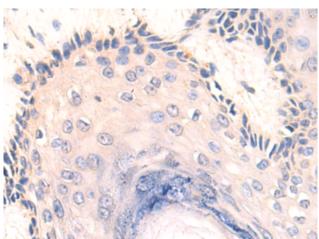
**Research Areas:** Signal Transduction

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

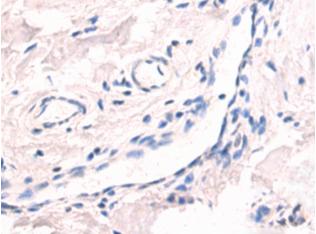


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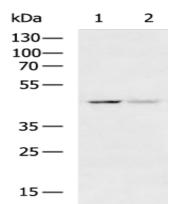
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Immunohistochemistry analysis of paraffin embedded Human breast cancer tissue using 222097(GPR132 Antibody) at a dilution of 1/50(Cytoplasm).



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 222097(Anti-GPR132 Antibody) at dilution 1/50.



Gel: 8%SDS-PAGE, Lysate: 40 µg; Lane 1-2: 293T and Raji cell lysates;

Primary antibody: 222097(GPR132 Antibody) at

dilution 1/600;

Secondary antibody: HRP-conjugated Goat

anti rabbit IgG at 1/5000 dilution;

Exposure time: 20 seconds