

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **GGA2 RABBIT PAB**

Cat.#: S218899

**Product Name:** Anti-GGA2 Rabbit Polyclonal Antibody

Synonyms: VEAR

UNIPROT ID: Q9UJY4 (Gene Accession - BC000284)

**Background:** This gene encodes a member of the Golgi-localized, gamma adaptin ear-containing, ARF-binding (GGA) family. This family includes ubiquitous coat proteins that regulate the trafficking of proteins between the trans-Golgi network and the lysosome. These proteins share an amino-terminal VHS domain which mediates sorting of the mannose 6-phosphate receptors at the trans-Golgi network. They also contain a carboxy-terminal region with homology to the ear domain of gamma-adaptins. This family member may play a significant role in cargo molecules regulation and clathrin-coated vesicle assembly.

Immunogen: Fusion protein of human GGA2

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 150-300;WB: 500-2000;ELISA: 5000-10000

Host Species: Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification **Species Reactivity:** Human, Mouse

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40%

glycerol

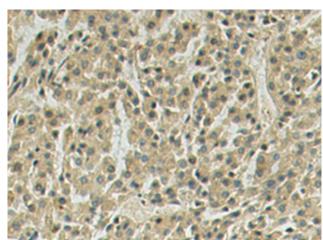
**Research Areas:** Signal Transduction

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

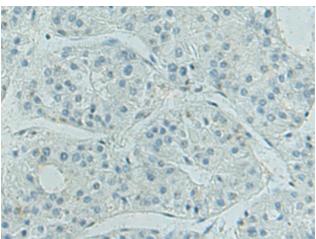


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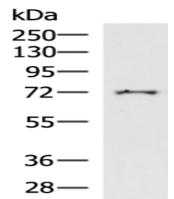
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Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 218899(GGA2 Antibody) at a dilution of 1/120(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the fusion protein and then with 218899(Anti-GGA2 Antibody) at dilution 1/120.



Gel: 8%SDS-PAGE, Lysate: 40 µg;

Lane: HepG2 cell lysate;

Primary antibody: 218899(GGA2 Antibody) at

dilution 1/500;

Secondary antibody: HRP-conjugated Goat

anti rabbit IgG at 1/5000 dilution;

Exposure time: 20 seconds