

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## POMT1 RABBIT PAB

Cat.#: S220826

**Product Name:** Anti-POMT1 Rabbit Polyclonal Antibody **Synonyms:** RT; LGMD2K; MDDGA1; MDDGB1; MDDGC1 **UNIPROT ID:** Q9Y6A1 (Gene Accession - NP\_009102)

**Background:** The protein encoded by this gene is an O-mannosyltransferase that requires interaction

with the product of the POMT2 gene for enzymatic function. The encoded protein is found in the

membrane of the endoplasmic reticulum. Defects in this gene are a cause of Walker-Warburg syndrome (WWS) and limb-girdle muscular dystrophy type 2K (LGMD2K). Several transcript variants encoding

different isoforms have been found for this gene.

Immunogen: Synthetic peptide of human POMTI

Applications: ELISA, WB, IHC

**Recommended Dilutions:** IHC: 50-200;WB: 500-2000;ELISA: 2000-5000

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

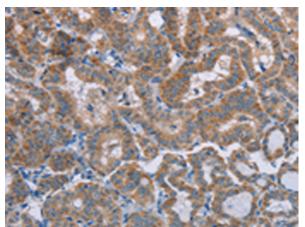
Research Areas: Neuroscience

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

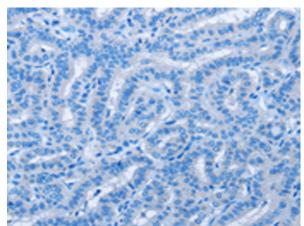


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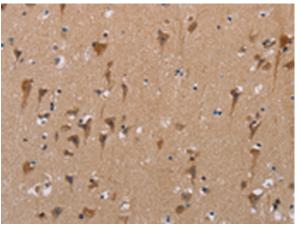
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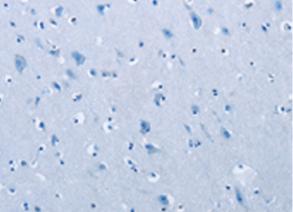
Immunohistochemistry analysis of paraffin embedded Human thyroid cancer tissue using 220826(POMTI Antibody) at a dilution of 1/50(Cytoplasm).



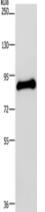
In comparision with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with the synthetic peptide and then with 220826(Anti-POMTI Antibody) at dilution 1/50.



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using 220826(Anti-POMTI Antibody) at a dilution of 1/50.



In comparision with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with synthetic peptide and then with D262071(Anti-POMT1 Antibody) at dilution 1/50.



Gel: 6%SDS-PAGE, Lysate: 40 µg; Lane: Human testis tissue; Primary antibody: 220826(POMTI Antibody) at dilution 1/200; Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;

Exposure time: 1 minute



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