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11-12005: Polyclonal Antibody to GNPDA1

Clonality: Polyclonal

Application: WB Reactivity: Human **GNPDA1** Gene: Gene ID: 10007 **Uniprot ID:** P46926 Format: Purified

Alternative Name: GNPDA1, GNPI, HLN, KIAA0060

Isotype: Rabbit IgG

A partial length recombinant GNPDA1 protein (amino acids 13-242) was used as the immunogen Immunogen Information:

for this antibody.

Description

GNPDA1 is an allosteric enzyme that catalyzes the reversible conversion of D-glucosamine-6-phosphate into D-fructose-6phosphate and ammonium.? This protein triggers calcium oscillations in mammalian eggs. These oscillations serve as the essential trigger for egg activation and early development of the embryo. GNPDA1 highest expression is found in ovary and colon and in KG-1 and HeLa cell lines.

Product Info

Amount: $25 \mu g / 100 \mu g$

Purification: Protein A Chromatography

25 μg in 50 μl/100 μg in 200 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium Content:

azide is highly toxic.

Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid Storage condition:

repeated freeze and thaw cycles.

Application Note

Western blot analysis: 1-2 µg/ml

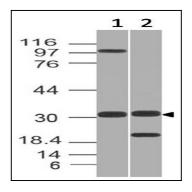


Fig-1: Expression analysis of GNPDA1. Anti-GNPDA1 antibody (11-12005) was used at 1 μg/ml on (1) h Testis and (2) h Kidney lysates