HIGD1A Polyclonal Antibody

catalog number: **AN100007P**

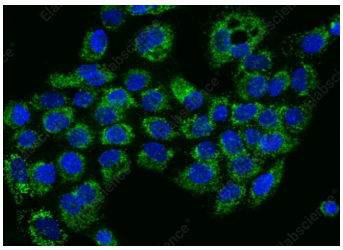
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

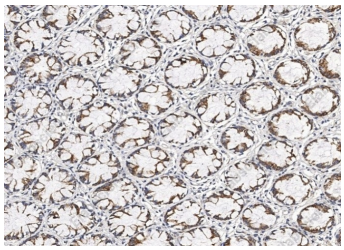
Reactivity	Human
Immunogen	E. coli-derived Human HIGD1A fragment
Host	Rabbit
Isotype	Rabbit IgG
Purification	Protein A & Antigen Affinity
Buffer	PBS, pH7.0 with 0.03% Proclin300

Applications	Recommended Dilution
WB	1:500-1:2000
IHC-P	1:50-1:200
ICC/IF	1:50-1:200
IP	1-5 μL/mg of lysate

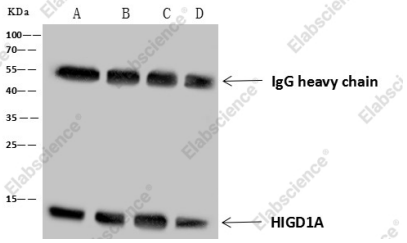
Data

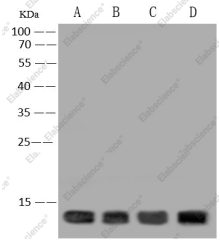


Immunofluorescence analysis of HIGD1A in A431 cells. Cells were fixed with 4% PFA, permeabilzed with 0.3% Triton X-100 in PBS,blocked with 10% serum, and incubated with rabbit anti-Human HIGD1A polyclonal antibody (dilution ratio 1:100) at 4°C overnight. Then cells were stained with the Alexa Fluor®488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI for nuclear staining (blue).Positive staining was localized to Cytoplasm.



Immunohistochemistry of paraffin-embedded human rectum using HIGD1A Polyclonal Antibody at dilution of 1:100.





Immunoprecipitation analysis using 4 µL anti-HIGD1A rabbit polyclonal antibody and 60 µg of Immunomagnetic beads Protein A/G. Western blot was performed from the immunoprecipitate using HIGD1A rabbit polyclonal antibody at a dilution of 1:100. Lane A:0.5 mg A431 Whole Cell Lysate, Lane B:0.5 mg HeLa Whole Cell Lysate, Lane C:0.5 mg HepG2 Whole Cell Lysate, Lane D:0.5 mg 293 Whole Cell Lysate

Observed-MW:12 kDa

Calculated-MW:12 kDa

Western Blot with HIGD1A Polyclonal Antibody at dilution of 1:500. Lane A: A431 Whole Cell Lysate, Lane B: Hela Whole Cell Lysate, Lane C: HepG2 Whole Cell Lysate, Lane D: 293 Whole Cell Lysate, Lysates/proteins at 30 µg per lane.

Observed-MW:12 kDa

Calculated-MW:12 kDa

Preparation & Storage

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

Background

Proposed subunit of cytochrome c oxidase (COX, complex IV, which is the terminal component of the mitochondrial respiratory chain that catalyzes the reduction of oxygen to water. May play a role in the assembly of respiratory supercomplexes.