

Catalog #: 5690

Aliases

GBE1; 1,4-Alpha-Glucan Branching Enzyme 1; Glucan (1,4-Alpha-), Branching Enzyme 1; 1,4-Alpha-Glucan-Branching Enzyme; Glycogen Branching Enzyme; Brancher Enzyme; EC 2.4.1.18; Amylo-(1,4 To 1,6) Transglucosidase; Amylo-(1,4 To 1,6) Transglycosylase; Glycogen Storage Disease Type IV; Glycogen-Branched Enzyme; Andersen Disease; APBD; GSD4; GBE

Background

Gene Name: GBE1

NCBI Gene Entry: [2632](#)

UniProt Entry: [Q04446](#)

Application Information

Molecular Weight: Predicted, 80 kDa; observed, 70 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 25GB4915

Species Reactivity: Human

Applications Tested: Western blotting (WB)

Immunogen

Recombinant protein of human GBE1

Isotype

Mouse IgG1

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:500-1:2,500

Note: This product is for research use only.

Validation Data

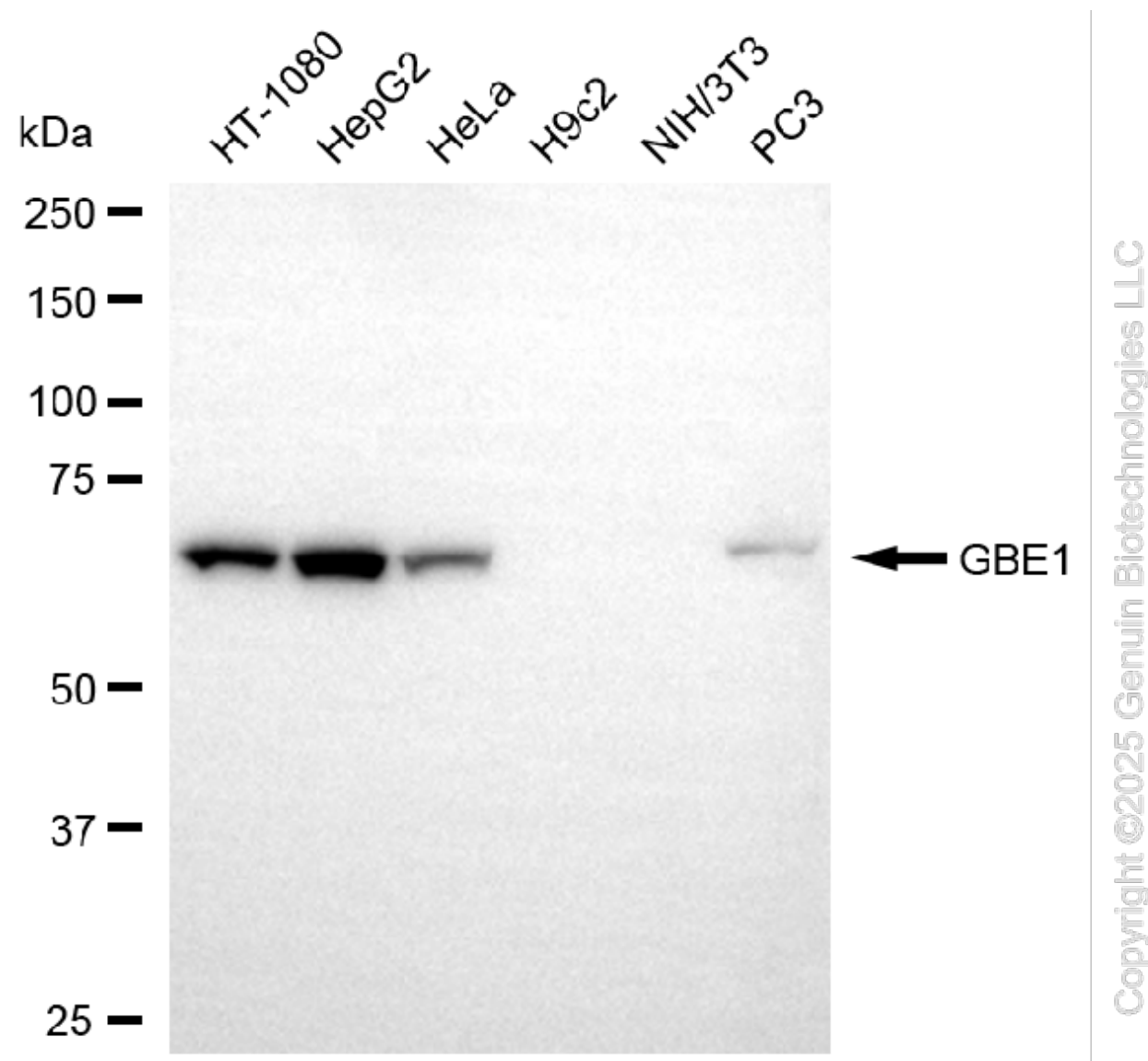
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Western blotting analysis using anti-GBE1 antibody (Cat#5690). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-GBE1 antibody (Cat#5690, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

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