

GDF15 (H Variant) antibody [7C12.B3.F2]

Cat. No. GTX48499

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Applications	WB, ELISA
Reactivity	Human

Package
50 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:1000
ELISA	1:150000

Not tested in other applications.

Calculated MW 34 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	20mM Potassium Phosphate, 150mM NaCl
Preservative	0.01% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1.3 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide corresponding to a region near the amino terminal end of human NAG-1 protein. A residue of cysteine was added to facilitate coupling to KLH.
Purification	Protein A purified From tissue culture supernatant
Conjugation	Unconjugated

Note

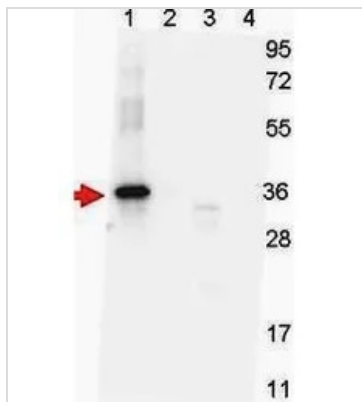
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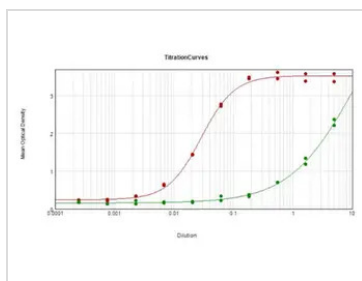
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DATA IMAGES



GTX48499 WB Image

Western blot shows detection of recombinant NAG-1 protein present in *Pichia pastoris* whole cell lysates: lane 1 - yeast cell lysate expressing NAG-1 H variant with SUMO expression tag at 36 kDa; lane 2 - yeast cell lysate expressing NAG-1 D variant with SUMO expression tag at 36 kDa; lane 3 - yeast cell lysate expressing NAG-1 H variant; and lane 4 - yeast cell lysate expressing NAG-1 D variant. All lysates were run under reducing conditions. Primary antibody was used at a 1:1,000 dilution in TBS containing 1% BSA and 0.2% Tween, and reacted overnight at 4°C. For detection, a 1:40,000 dilution of peroxidase conjugated Goat-anti-Mouse IgG secondary antibody for 30 min at room temperature. Molecular weight estimation was made by comparison to prestained MW markers.



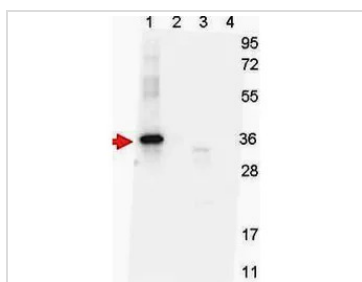
GTX48499 ELISA Image

ELISA analysis of various samples using serially diluted GTX48499 GDF15 (H Variant) antibody [7C12.B3.F2].

Red : H variant

Green : D variant

Coating : 0.1 µg



GTX48499 WB Image

WB analysis of various samples using GTX48499 GDF15 (H Variant) antibody [7C12.B3.F2].

Lane 1 : SUMO-tagged NAG-1 H variant

Lane 2 : SUMO-tagged NAG-1 D variant

Lane 3 : NAG-1 H variant

Lane 4 : NAG-1 D variant

Dilution : 1:1000



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