

ING5 antibody

Cat. No. GTX48484

Host	Goat
Clonality	Polyclonal
Isotype	IgG
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	1:500-1:1000
ELISA	1:4000-1:16000

Not tested in other applications.

Calculated MW 28 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	1.52 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide corresponding to an internal region near aa 125-150 of Human p28 ING5 protein (Inhibitor of growth family, member 5).
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

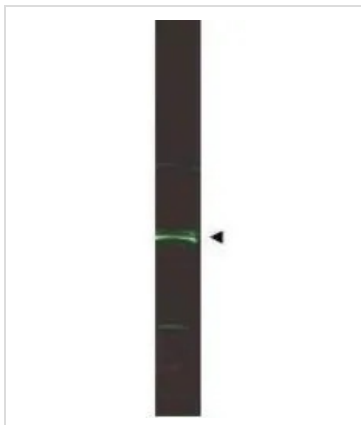
Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

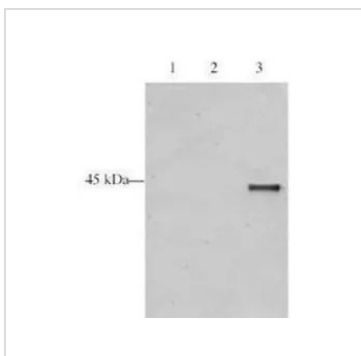
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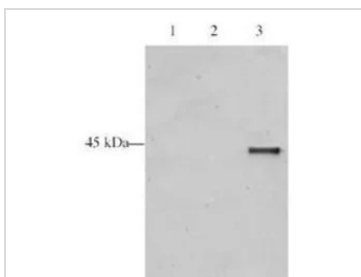
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DATA IMAGES

GTX48484 WB Image

Western blot analysis is shown using GeneTex's Affinity Purified anti-p28 ING5 antibody to detect over expressed Human ING5 present in cell extracts. This western blot shows reactivity with purified recombinant human ING5 protein. Comparison to a molecular weight marker (not shown) indicates a single band of ~36 kDa corresponding to the expected molecular weight for the recombinant protein. Approximately 10 µg of lysate was separated on a 4-20% Tris-Glycine gel by SDS-PAGE and transferred onto nitrocellulose. After blocking the membrane was probed with the primary antibody diluted to 1:1,500. Incubation was overnight at 4° C followed by washes and reaction with a 1:20,000 dilution of IRDye™800 conjugated Rb-a-Goat IgG [H&L] MXHu for 45 min at room temperature. IRDye™800 fluorescence image was captured using the Odyssey® Infrared Imaging System developed by LI-COR. IRDye is a trademark of LI-COR, Inc. Other detection systems will yield similar results.


GTX48484 WB Image

Western blot analysis is shown using GeneTex's Affinity Purified anti-p28 ING5 antibody to detect over expressed Human ING5 present in HeLa cell nuclear extracts. This western blot shows reactivity with purified recombinant TAP tagged human ING5 protein (lane 3) and does not recognize TAP tagged ING4 on the same membrane (lane 2). A mock purification is shown in lane 1. Comparison to a molecular weight marker (not shown) indicates a single band of ~45.0 kDa corresponding to the expected molecular weight for the recombinant protein. The blot was incubated with a 1:500 dilution of the antibody at room temperature followed by detection using chemiluminescence reagent with a 5-min exposure time. Other detection systems will yield similar results.


GTX48484 WB Image

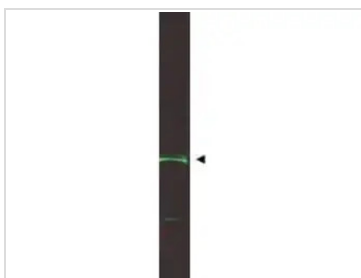
WB analysis of transfected and non-transfected HeLa nuclear extracts using GTX48484 ING5 antibody.

Lane 1 : Mock

Lane 2 : ING4 overexpressed HeLa whole cell lysate

Lane 3 : ING5 overexpressed HeLa whole cell lysate

Dilution : 1:500


GTX48484 WB Image

WB analysis of recombinant human ING5 protein using GTX48484 ING5 antibody.

Loading : 10 µg

Dilution : 1:1500



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