

Product Datasheet

ING3 Antibody - BSA Free NBP1-78100-100ug

Unit Size: 100 ug

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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NBP1-78100-100ug

ING3 Antibody - BSA Free

Product Information

Unit Size	100 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Product Description

Description	<p>This is an affinity-purified antibody produced by immunoaffinity chromatography using the immunizing peptide after immobilization to a solid phase</p> <p>Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p>
Host	Goat
Gene ID	54556
Gene Symbol	ING3
Species	Human
Reactivity Notes	100% homology is on record for this protein from human, dog, rat, chimpanzee and orangutan. Cross reactivity with p47 ING3 protein from mouse and chicken sources is also expected based on high homology (one amino acid change in sequence) by BLAST. Reactivity with p47 ING3 proteins from other sources is not known.
Specificity/Sensitivity	Reactivity occurs against human p47 ING3 protein. This sequence only shows homology to isoform 1 for ING3. The sequence is not present in isoforms 2 and 3. However, 100% homology is on record for this protein from human, dog, rat, chimpanzee and orangutan. Cross reactivity with p47 ING3 protein from mouse and chicken sources is also expected based on high homology (one amino acid change in sequence) by BLAST. Reactivity with p47 ING3 proteins from other sources is not known.
Immunogen	This affinity purified ING3 Antibody was prepared from whole Goat serum produced by repeated immunizations with a synthetic peptide corresponding to an internal region near aa 285-310 of Human ING3 protein (Inhibitor of growth family, member 3). (Uniprot: Q9NXR8)

Product Application Details

Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:200-1:2000, ELISA 1:10000-1:40000

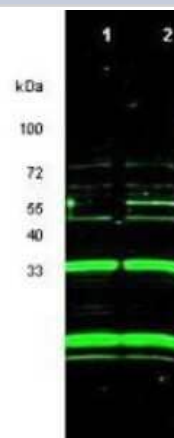


Application Notes

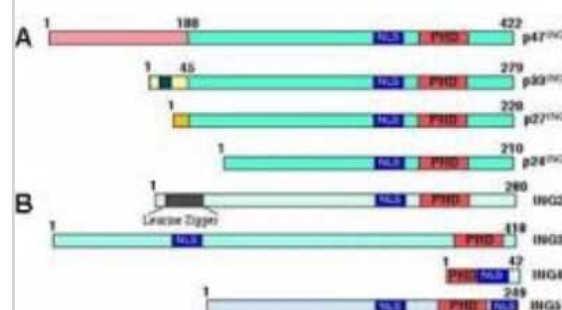
This affinity purified antibody has been tested for use in ELISA against the immunizing peptide. Specific conditions for western blotting reactivity should be optimized by the end user. Expect a band at approximately 47 kDa in size corresponding to ING3 isoform 1 by western blotting in the appropriate cell lysate or extract.

Images

Western Blot: ING3 Antibody [NBP1-78100] - Western blot using purified ING3 antibody: detection of a band at ~55 kDa corresponding to ING3 in RKO cells transfected with ING3 (lane 2). Control RKO cells don't show detection of this specific band (lane 1). Identity of the non-specific bands at 33 kDa & 20 kDa has not been determined. Each lane contains approximately 10 ug of RKO whole cell lysate (ATCC# CRL-2577 - human colon cancer) separated on a 4-20% Tris-Glycine gel by SDS-PAGE & transferred to nitrocellulose. After blocking with 5% NF dry milk, membrane was probed with primary antibody 1:1,000. Overnight incubation at 4C followed by washes & reaction with a 1:20,000 IRDye (TM)800 conjugated Rb-a-Goat IgG [H&L] MXHu for 45 min at room temperature. IRDye(TM)800 fluorescence image captured using the Odyssey(R) Infrared Imaging System developed by LI-COR. IRDye is a trademark of LI-COR, Inc. Other detection systems will yield similar results.



N/A: ING3 Antibody [NBP1-78100]





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Products Related to NBP1-78100-100ug

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
H00054556-P01-10ug	Recombinant Human ING3 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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