

For Research Use Only

# ING3 Polyclonal antibody

Catalog Number: 10905-1-AP

Featured Product

7 Publications



## Basic Information

<b>Catalog Number:</b> 10905-1-AP	<b>GenBank Accession Number:</b> BC009777	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 700 µg/ml by Nanodrop and 367 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 54556	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> inhibitor of growth family, member 3	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 46 kDa	
<b>Immunogen Catalog Number:</b> AG1357	<b>Observed MW:</b> 47 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : mouse uterus tissue, HepG2 cells IHC : human breast cancer tissue,
<b>Cited Applications:</b> IHC, IP, WB	
<b>Species Specificity:</b> human, mouse	
<b>Cited Species:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

Members of inhibitor of growth (ING) family function in inhibiting cell growth and inducing apoptosis. They are sequence homologous proteins. ING3 can activate p53 trans-activated promoters, including promoters of p21/waf1 and bax. This antibody is specifically against p47ING3.

## Notable Publications

Author	Pubmed ID	Journal	Application
Guoyu Yu	25189355	Mol Cancer Res	WB
Xiaoyan Wu	33469513	Front Oncol	IHC
Wen-Feng Gou	24927342	Indian J Med Res	WB,IHC

## Storage

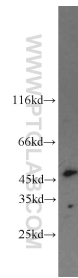
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

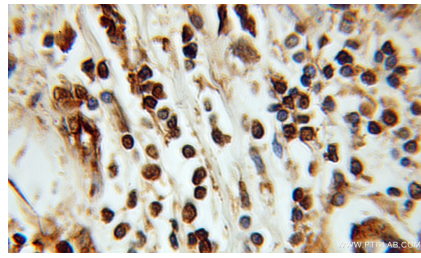
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



mouse uterus tissue were subjected to SDS PAGE followed by western blot with 10905-1-AP (ING3 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer using 10905-1-AP (ING3 antibody) at dilution of 1:100 (under 10x lens).