

For Research Use Only

# ING2-specific Polyclonal antibody

Catalog Number: 16186-1-AP **1 Publications**



## Basic Information

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|--|---|--|
| <b>Catalog Number:</b><br>16186-1-AP   | <b>GenBank Accession Number:</b><br>NM_001564             | <b>Purification Method:</b><br>Antigen affinity purification |
| <b>Size:</b><br>150ul , Concentration: 247 µg/ml by Bradford method using BSA as the standard; | <b>GeneID (NCBI):</b><br>3622                             |  |
| <b>Source:</b><br>Rabbit   | <b>Full Name:</b><br>inhibitor of growth family, member 2 |  |
| <b>Isotype:</b><br>IgG   | <b>Calculated MW:</b><br>33 kDa                           |  |

## Applications

**Tested Applications:**  
ELISA

**Cited Applications:**  
IF, WB

**Species Specificity:**  
human, mouse, rat

**Cited Species:**  
mouse

## Background Information

ING2, also named as ING1L, belongs to the ING family and contains a PHD-type zinc finger. It is induced by the DNA-damaging agents neocarzinostatin. As a candidate tumor suppressor, ING2 seems to be involved in p53/TP53 activation and p53/TP53-dependent apoptotic pathways, probably by enhancing acetylation of p53/TP53. It is a component of a mSin3A-like corepressor complex, which is probably involved in deacetylation of nucleosomal histones. Recent finding reported that ING2 regulates muscle differentiation by regulating chromatin remodeling program. Catalog# 16186-1-AP is rabbit polyclonal antibody raised against specific ING2 polypeptides and detects p33ING2 but not other ING2s.

## Notable Publications

| Author           | Pubmed ID | Journal  | Application |
|------------------|-----------|----------|-------------|
| Eapen Shawn A SA | 22808232  | PLoS One | WB, IF      |

## 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.

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## Selected Validation Data