

## Product datasheet for **TA371129**

### ING1 Rabbit Polyclonal Antibody

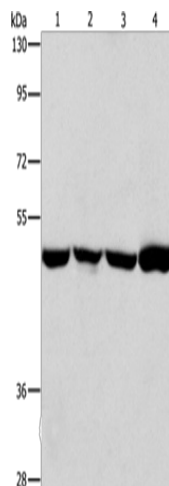
#### Product data:

|                         |  |
|-------------------------|--|
| Product Type:           | Primary Antibodies   |
| Applications:           | WB   |
| Recommended Dilution:   | WB: 100-500<br>WB positive control: Mouse brain tissue and Jurkat cells, Raw264.7 and hepG2 cells  |
| Reactivity:             | Human, Mouse   |
| Host:                   | Rabbit   |
| Isotype:                | IgG  |
| Clonality:              | Polyclonal   |
| Immunogen:              | Synthetic peptide of human ING1  |
| Formulation:            | pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol   |
| Concentration:          | lot specific   |
| Purification:           | Antigen affinity purification  |
| Conjugation:            | Unconjugated   |
| Storage:                | Store at -20°C.  |
| Stability:              | 1 year   |
| Predicted Protein Size: | 47 kDa   |
| Gene Name:              | inhibitor of growth family member 1  |
| Database Link:          | <a href="#">Entrez Gene 3621 Human Q9UK53</a>  |
| Background:             | This gene encodes a tumor suppressor protein that can induce cell growth arrest and apoptosis. The encoded protein is a nuclear protein that physically interacts with the tumor suppressor protein TP53 and is a component of the p53 signaling pathway. Reduced expression and rearrangement of this gene have been detected in various cancers. Multiple alternatively spliced transcript variants encoding distinct isoforms have been reported. |
| Synonyms:               | p24ING1c; p33; p33ING1; p33ING1b; p47; p47ING1a  |



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## Product images:



Gel: 8%SDS-PAGE

Lysate: 40  $\mu$ g

Lane 1-4: Mouse brain tissue

Jurkat cells

Raw264.7 cells

hepG2 cells

Primary antibody: TA371129 (ING1 Antibody) at dilution 1/53

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 second