

#### OriGene Technologies, Inc.

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# **Product datasheet for TA339688**

## **ING1 Rabbit Polyclonal Antibody**

## **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
lsotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-ING1 antibody: synthetic peptide directed towards the C terminal of human ING1. Synthetic peptide located within the following region: EKKAKTSKKKKRSKAKAEREASPADLPIDPNEPTYCLCNQVSYGEMIGCD
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.
Concentration:	lot specific
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	32 kDa
Gene Name:	inhibitor of growth family member 1
Database Link:	<u>NP 937862</u> <u>Entrez Gene 3621 Human</u> <u>Q9UK53</u>

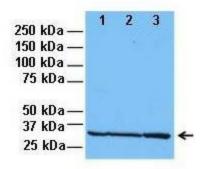


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	ING1 Rabbit Polyclonal Antibody – TA339688
Background:	ING1 is a tumor suppressor protein that can induce cell growth arrest and apoptosis. The protein is a nuclear protein that physically interacts with the tumor suppressor protein TP53 and is a component of the p53 signaling pathway. Reduced expression and rearrangement of ING1 gene have been detected in various cancers. 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 the p53 signaling pathway. Reduced expression and rearrangement 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:	p24lNG1c; p33; p33lNG1; p33lNG1b; p47; p47lNG1a
Note:	Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Guinea pig: 100%; Horse: 93%; Rabbit: 93%; Zebrafish: 86%
Protein Families	: Druggable Genome, Transcription Factors
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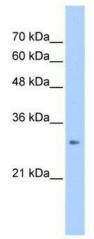
#### **Product images:**

ING1



Lanes: 1: 30 ug HeLa lysate, 2: 30 ug HFF lysate, 3: 30 ug U2OS lysate; Primary Antibody Dilution: 1: 1000; Secondary Antibody: Anti-rabbit HRP; Secondary Antibody Dilution: 1: 5000; Gene Name: ING1; Submitted by: Dr. Hyung Suk Oh, Knipe Lab, Harvard Medi

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WB Suggested Anti-ING1 Antibody Titration: 2.5 ug/ml; Positive Control: HepG2 cell lysateThere is BioGPS gene expression data showing that ING1 is expressed in HepG2

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