

## Product datasheet for **TA319233**

### ING3 Goat Polyclonal Antibody

#### Product data:

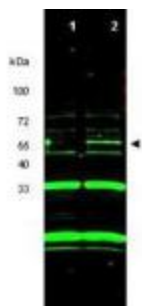
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:10,000 - 1:40,000, WB: 1:200 - 1:2,000
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Immunogen:	This affinity purified antibody was prepared from whole Goat serum produced by repeated immunizations with a synthetic peptide corresponding aa 294-304 of Human ING3 protein (Inhibitor of growth family, member 3). This sequence only shows homology to isoform 1 for ING3.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	inhibitor of growth family member 3
Database Link:	<a href="#">NP_061944</a> <a href="#">Entrez Gene 54556 Human</a> <a href="#">Q9NXR8</a>
Synonyms:	Eaf4; ING2; MEAF4; p47ING3
Note:	p47 ING3 is a tumor suppressor protein similar to ING1 that can interact with TP53, inhibit cell growth, and induce apoptosis. This protein contains a PHD-finger, which is a common motif in proteins involved in chromatin remodeling. This gene can activate p53 trans-activated promoters, including promoters of p21/waf1 and bax. Over-expression of this gene has been shown to inhibit cell growth and induce apoptosis. Allelic loss and reduced expression of this gene were detected in head and neck cancers. Multiple alternatively spliced transcript variants have been observed. The accession number listed below is for variant (1) that encodes the longest isoform.



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Protein Families: Druggable Genome, Transcription Factors

### Product images:



WB using anti-ING3 antibody shows detection of a band at ~55 kDa corresponding to ING3 in RKO cells transfected with ING3 (lane 2). Control RKO cells do not show detection of this specific band (lane 1). The identity of the non-specific bands at 33 kDa and 20 kDa has not been determined. Primary antibody was used at 1:1,000. Secondary antibody was a 1:20,000 dilution of IRDye™800 conjugated Rb-a-Goat IgG [H&L].