



# Anti-ING1 (aa 285-296) polyclonal antibody (DPAB-DC1717)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Immunogen</b>	A synthetic peptide corresponding to amino acids 285-296 of human ING1.
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human, Mouse
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	In 20 mM KH <sub>2</sub> PO <sub>4</sub> , 150 mM NaCl, pH 7.2 (0.01% sodium azide)
<b>Preservative</b>	0.01% Sodium Azide
<b>Storage</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">ING1 inhibitor of growth family, member 1 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	ING1
<b>Synonyms</b>	ING1; inhibitor of growth family, member 1; p33; p47; p33ING1; p24ING1c; p33ING1b; p47ING1a; inhibitor of growth protein 1; growth inhibitor ING1; tumor suppressor ING1; growth inhibitory protein ING1;
<b>Entrez Gene ID</b>	<a href="#">3621</a>
<b>Protein Refseq</b>	<a href="#">NP_001254657</a>
<b>UniProt ID</b>	<a href="#">Q9UK53</a>
<b>Chromosome Location</b>	13q34
<b>Pathway</b>	Senescence and Autophagy.
<b>Function</b>	methylated histone binding; protein binding; zinc ion binding;