



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

Antigen Description	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.
Immunogen	A synthetic peptide corresponding to amino acids 285-296 of human ING1.
Source/Host	Goat
Species Reactivity	Human, Mouse
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Format	Liquid
Size	100 µg
Buffer	In 20 mM KH2PO4, 150 mM NaCl, pH 7.2 (0.01% sodium azide)
Preservative	0.01% Sodium Azide
Storage	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	ING1 inhibitor of growth family, member 1 [Homo sapiens (human)]
Official Symbol	ING1
Synonyms	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;
Entrez Gene ID	3621
Protein Refseq	NP_001254657
UniProt ID	Q9UK53
Chromosome Location	13q34
Pathway	Senescence and Autophagy.
Function	methylated histone binding; protein binding; zinc ion binding;
