



# Anti-SALL3 polyclonal antibody (DPAB-DC1359)

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

## PRODUCT INFORMATION

**Antigen Description**

This gene encodes a sal-like C2H2-type zinc-finger protein, and belongs to a family of evolutionarily conserved genes found in species as diverse as *Drosophila*, *C. elegans*, and vertebrates. Mutations in some of these genes are associated with congenital disorders in human, suggesting their importance in embryonic development. This protein binds to DNA methyltransferase 3 alpha (DNMT3A), and reduces DNMT3A-mediated CpG island methylation. It is suggested that silencing of this gene, resulting in acceleration of DNA methylation, may have a role in oncogenesis.

**Immunogen**

Recombinant protein corresponding to amino acids of recombinant SALL3. The sequence is  
AYDDKNAETLSSYDDDMDENSMEDDAELKDAATDPAKPLLSYAGSCPPSPPSVISSIAAL  
ENQMKMIDSVMSCQQLTGLKSVENGSGE

**Isotype**

IgG

**Source/Host**

Rabbit

**Species Reactivity**

Human

**Purification**

Antigen affinity purification

**Conjugate**

Unconjugated

**Applications**

IHC-P, IF,

**Format**

Liquid

**Size**

100 µl

**Buffer**

In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)

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<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

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## GENE INFORMATION

<b>Gene Name</b>	<a href="#">SALL3 spalt-like transcription factor 3 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	SALL3
<b>Synonyms</b>	SALL3; spalt-like transcription factor 3; ZNF796; sal-like protein 3; hSALL3; zinc finger protein 796; C2H2 zinc finger protein SALL3; spalt-like zinc finger protein;
<b>Entrez Gene ID</b>	<a href="#">27164</a>
<b>Protein Refseq</b>	<a href="#">NP_741996</a>
<b>UniProt ID</b>	<a href="#">A9JR48</a>
<b>Chromosome Location</b>	18q23
<b>Function</b>	DNA binding; metal ion binding;

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