

SALL4 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP1488b

Product Information

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|-------------------|------------------------|
| Application | WB, E |
| Primary Accession | Q9UJQ4 |
| Reactivity | Human |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | Rabbit IgG |
| Calculated MW | 112231 |
| Antigen Region | 1009-1039 |

Additional Information

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|--------------------|---|
| Gene ID | 57167 |
| Other Names | Sal-like protein 4, Zinc finger protein 797, Zinc finger protein SALL4, SALL4, ZNF797 |
| Target/Specificity | This SALL4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1009-1039 amino acids from the C-terminal region of human SALL4. |
| Dilution | WB~~1:1000 E~~Use at an assay dependent concentration. |
| Format | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS. |
| Storage | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| Precautions | SALL4 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures. |

Protein Information

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| Name | SALL4 |
| Synonyms | ZNF797 |
| Function | Transcription factor with a key role in the maintenance and self-renewal of embryonic and hematopoietic stem cells. |

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| Cellular Location | Cytoplasm. Nucleus. |
| Tissue Location | Expressed in testis. Constitutively expressed in acute myeloid leukemia (AML). |

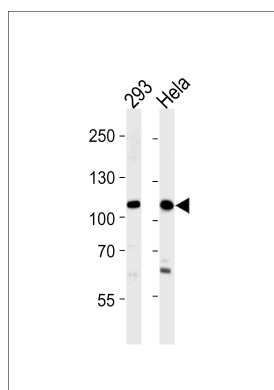
Background

Sall4 is a probable transcription factor. Defects in Sall4 are the cause of Okihiro syndrome; also known as Duane radial ray syndrome (DRRS). It is a disorder characterized by the association of forearm malformations with Duane retraction syndrome. Sall4 is also involved in forelimb and heart development in mice.

References

Borozdin,W., Hum. Mutat. 28 (8), 830 (2007)
 Yang,J., Proc. Natl. Acad. Sci. U.S.A. 104 (25), 10494-10499 (2007)
 Paradisi,I.,Am. J. Med. Genet. A 143 (4), 326-332 (2007)

Images



SALL4 Antibody (C-term) (Cat. #AP1488b) western blot analysis in 293,HeLa cell line lysates (35ug/lane).This demonstrates the SALL4 antibody detected the SALL4 protein (arrow).

Citations

- [Knockdown of SALL4 expression using RNA interference induces cell cycle arrest, enhances early apoptosis, inhibits invasion and increases chemosensitivity to temozolomide in U251 glioma cells.](#)
- [The expression of SALL4 in patients with gliomas: high level of SALL4 expression is correlated with poor outcome.](#)
- [Molecular mechanisms regulating the establishment of hepatocyte polarity during human hepatic progenitor cell differentiation into a functional hepatocyte-like phenotype.](#)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.