

# SALL4 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP1488b

## Product Information

---

Application	WB, E
Primary Accession	<a href="#">Q9UJQ4</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	112231
Antigen Region	1009-1039

## Additional Information

---

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

---

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

<b>Cellular Location</b>	Cytoplasm. Nucleus.
<b>Tissue Location</b>	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.

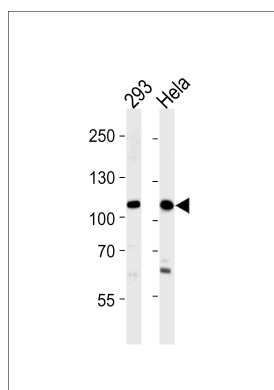
## References

---

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'.