

SALL4 Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP1488b

Specification

SALL4 Antibody (C-term) - Product Information

| | |
|-------------------|------------------------|
| Application | WB,E |
| Primary Accession | O9UJO4 |
| Reactivity | Human |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | Rabbit IgG |
| Antigen Region | 1009-1039 |

SALL4 Antibody (C-term) - 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.

SALL4 Antibody (C-term) - 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.

Cellular Location

Cytoplasm. Nucleus.

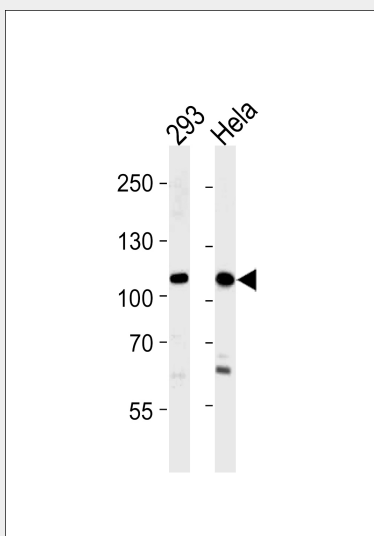
Tissue Location

Expressed in testis. Constitutively expressed in acute myeloid leukemia (AML).

SALL4 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SALL4 Antibody (C-term) - 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).

SALL4 Antibody (C-term) - 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.

SALL4 Antibody (C-term) - 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)

SALL4 Antibody (C-term) - 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.](#)