10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

Specification

SALL4 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q9UJQ4
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

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.

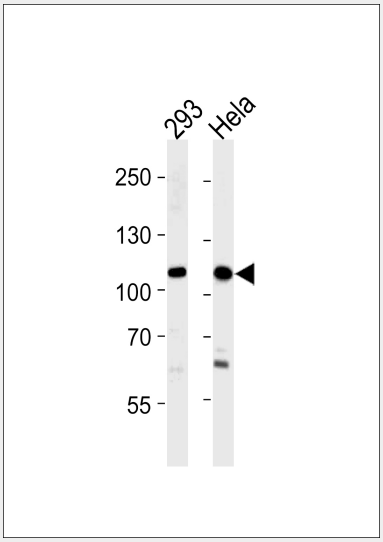
Tissue Location
Expressed in testis. Constitutively expressed in acute myeloid leukemia (AML).

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 Cytomety
- 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.