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SALL1 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17204A

Product Information

Application	WB, E
Primary Accession	Q9NSC2
Other Accession	Q9ER74, NP_001121364.1, NP_002959.2
Reactivity	Mouse, Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB36781
Calculated MW	140405
Antigen Region	11-40

Additional Information

Gene ID	6299
Other Names	Sal-like protein 1, Spalt-like transcription factor 1, Zinc finger protein 794, Zinc finger protein SALL1, Zinc finger protein Spalt-1, HSal1, Sal-1, SALL1, SAL1, ZNF794
Target/Specificity	This SALL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 11-40 amino acids from the N-terminal region of human SALL1.
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 purified through a protein A column, followed by peptide affinity purification.
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	SALL1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SALL1
Synonyms	SAL1, ZNF794

Function	Transcriptional repressor involved in organogenesis. Plays an essential role in ureteric bud invasion during kidney development.
Cellular Location	Nucleus {ECO:0000250|UniProtKB:Q9ER74}.
Tissue Location	Highest levels in kidney. Lower levels in adult brain (enriched in corpus callosum, lower expression in substantia nigra) and liver

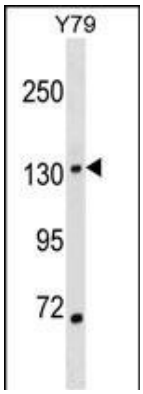
Background

The protein encoded by this gene is a zinc finger transcriptional repressor and may be part of the NuRD histone deacetylase complex (HDAC). Defects in this gene are a cause of Townes-Brocks syndrome (TBS) as well as bronchio-oto-renal syndrome (BOR). Two transcript variants encoding different isoforms have been found for this gene.

References

Yamamoto, C., et al. Hypertens. Res. 33(2):143-148(2010)
Jugessur, A., et al. PLoS ONE 5 (7), E11493 (2010) :
Ramdas, W.D., et al. PLoS Genet. 6 (6), E1000978 (2010) :
Lu, J., et al. PLoS ONE 4 (5), E5577 (2009) :
de Celis, J.F., et al. Int. J. Dev. Biol. 53 (8-10), 1385-1398 (2009) :

Images



SALL1 Antibody (N-term) (Cat. #AP17204a) western blot analysis in Y79 cell line lysates (35ug/lane).This demonstrates the SALL1 antibody detected the SALL1 protein (arrow).

Citations

- Sal-like 4 protein levels in breast cancer cells are post-translationally down-regulated by tripartite motif containing 21.

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