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anti-SALL4 antibody (N-Term)





Overview	
Quantity:	100 μL
Target:	SALL4
Binding Specificity:	N-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SALL4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)
Product Details	
Immunogen:	This SALL4 antibody was raised against a synthetic peptide derived from the N-terminus of human SALL4.
Isotype:	IgG
Characteristics:	SALL4 (Sal-like protein 4) is a zinc-finger transcription factor required for the maintenance of embryonic stem cell pluripotency. SALL4 activates the expression of Oct4 and reduction in the levels of SALL4 eliminates the ability of ES cells to self-renew and causes differentiation. SALL4 mutations are associated with the developmental disorders IVIC syndrome and Duane-radial ray syndrome. SALL4 antibody (pAb) was raised in a Rabbit host. It has been validated for use in Immunoprecipitation and Western blot, it has been shown to react with Mouse samples.
Purification:	Affinity Purified

Target Details

Target:	SALL4
Alternative Name:	SALL4 (SALL4 Products)
Molecular Weight:	142 kDa
NCBI Accession:	NP_065169
Pathways:	Stem Cell Maintenance, Tube Formation
Application Details	
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Buffer:	Purified IgG in 70 mM Tris (pH 8), 105 mM NaCl, 31 mM glycine, 0.07 mM EDTA, 30 % glycerol and 0.035 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20°C for up to 2 years. Keep all reagents on ice when not in storage.
Images	

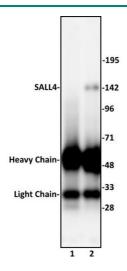
Images

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Western Blotting

Image 1. SALL4 antibody (pAb) tested by Western blot. Nuclear extract of P19 cells (20 μ g) probed with SALL4 antibody (1:500).



Immunoprecipitation

Image 2. SALL4 antibody (pAb) tested by Immunoprecipitation. 10 μ L of SALL4 antibody was used to immunoprecipitate SALL4 from 500 μ g of F9 nuclear cell extract (lane 2). 10 μ L of rabbit IgG was used as a negative control (lane 1). The immunoprecipitated protein was detected by Western blotting using the SALL4 antibody at a dilution of 1:500.