abcam

Product datasheet

Anti-SALL1 antibody ab31905

1 Abreviews

Overview

Product name	Anti-SALL1 antibody
Description	Rabbit polyclonal to SALL1
Host species	Rabbit
Tested applications	**Suitable for:** IHC-P
Species reactivity	**Predicted to work with:** Mouse, Human
Immunogen	Synthetic peptide of Human SALL1.Read Abcam's proprietary immunogen policy(Peptide available as ab31904.)

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.02% Sodium Azide Constituents: 1% BSA, PBS, pH 7.4
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our Abpromise guarantee covers the use of **ab31905** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		

Application notes This antibody gave a positive result in ELISA against the immunizing peptide (ab31904).

Customer abreview data indicates that this antibody works in Immunohistochemistry

(Formalin/PFA-fixed paraffin-embedded sections) on mouse tissue.

Not yet tested in other applications.

Target

Function	Transcriptional repressor involved in organogenesis.
Tissue specificity	Highest levels in kidney. Lower levels in adult brain (enriched in corpus callosum, lower expression in substantia nigra) and liver.
Involvement in disease	Defects in SALL1 are the cause of Townes-Brocks syndrome (TBS) [MIM:107480]. TBS is a rare, autosomal dominant malformation syndrome with a combination of imperforate anus, triphalangeal and supernumerary thumbs, malformed ears and sensorineural hearing loss. Defects in SALL1 may cause a phenotype overlapping with TBS, similar to bronchio-oto-renal syndrome (BOR) [MIM:113650]. BOR is an autosomal dominant disorder, manifested by various combinations of preauricular pits, branchial fistulae or cysts, lacrimal duct stenosis, hearing loss, structural defects of the outer, middle, or inner ear, and renal dysplasia. Associated defects include asthenic habitus, long narrow facies, constricted palate, deep overbite, and myopia. Hearing loss may be due to Mondini type cochlear defect and stapes fixation.
Sequence similarities	Belongs to the sal C2H2-type zinc-finger protein family. Contains 9 C2H2-type zinc fingers.
Developmental stage	In fetal brain exclusively in neurons of the subependymal region of hypothalamus lateral to the third ventricle.
Cellular localization	Nucleus.

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