

Product Datasheet

SALL4 Antibody (CL12183)

NBP3-21209-100ul

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 2/27/2025 v.20.1

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NBP3-21209-100ul

SALL4 Antibody (CL12183)

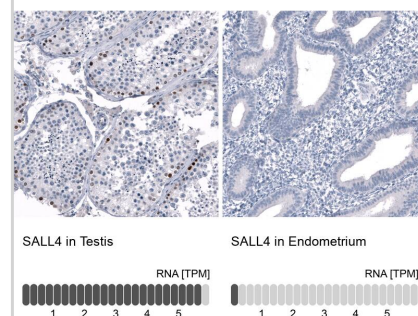
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL12183
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS, pH 7.2, 40% glycerol

Product Description	
Host	Mouse
Gene ID	57167
Gene Symbol	SALL4
Species	Human, Mouse
Reactivity Notes	Rat (85%).
Immunogen	This antibody was developed using a synthetic peptide derived from Q9UJQ4, with the exact immunogen sequence remaining proprietary.

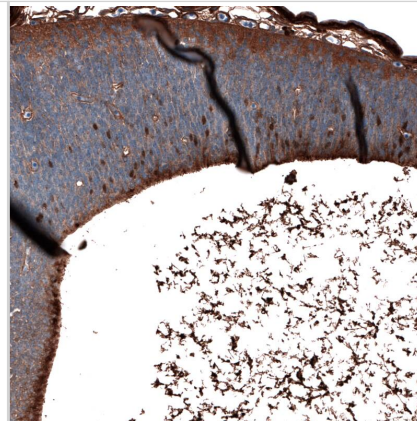
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:2500 - 1:5000, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:2500 - 1:5000
Application Notes	ICC/IF Fixation Permeabilization: Use PFA/Triton X-100. For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

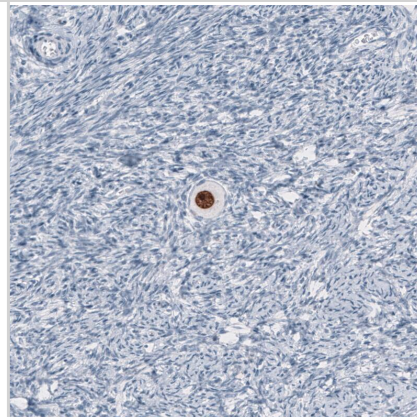
Analysis in human testis and endometrium tissues using NBP3-21209 antibody. Corresponding SALL4 RNA-seq data are presented for the same tissues.



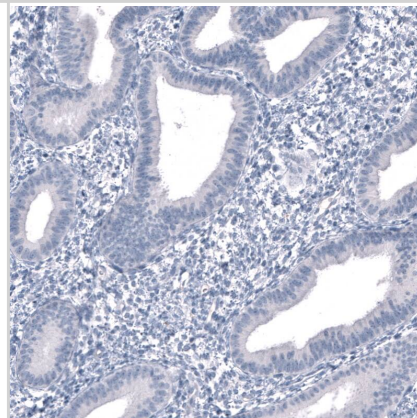
Staining of mouse embryo E11 shows moderate to strong nuclear positivity in a subset of cells in developing hindbrain.



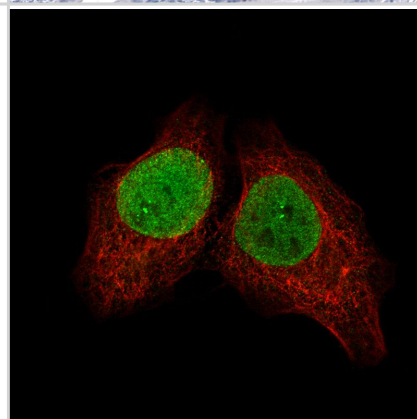
Staining of human ovary shows strong nuclear positivity in oocyte.



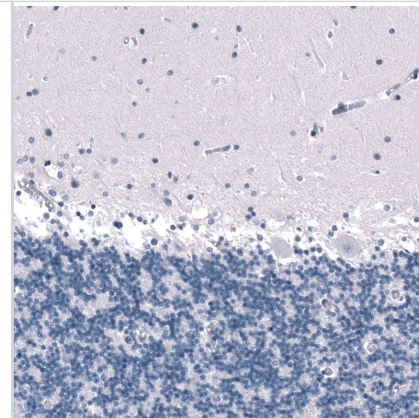
Staining of human endometrium shows no positivity in glandular cells as expected.



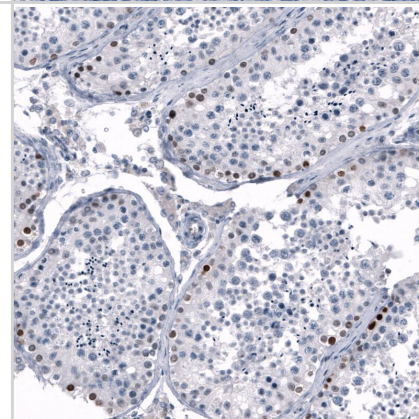
Staining of NTERA-2 cells using the Anti-SALL4 monoclonal antibody, showing specific staining in the nucleoplasm and cytosol in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



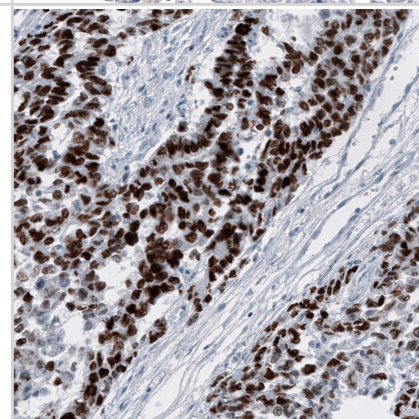
Staining of human cerebellum shows no positivity in Purkinje cells as expected.



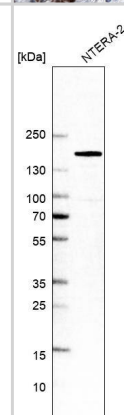
Staining of human testis shows moderate to strong nuclear positivity in a subset of cells in seminiferous ducts.



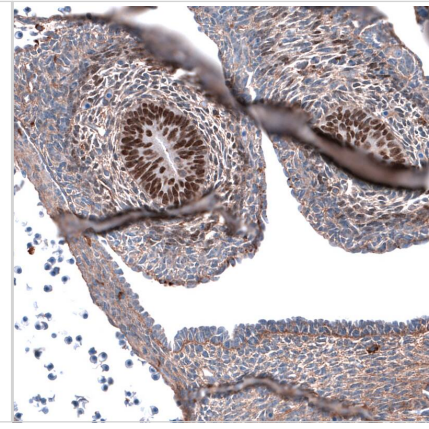
Staining of human testis cancer (embryonal carcinoma) shows strong nuclear positivity in tumor cells.



Analysis in human cell line NTERA-2.



Staining of mouse embryo E11 shows strong nuclear positivity in cells in developing testis.





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Products Related to NBP3-21209-100ul

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00057167-Q01-10ug	Recombinant Human SALL4 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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