



Anti-ZKSCAN3 antibody ab187866

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Overview

Product name	Anti-ZKSCAN3 antibody
Description	Rabbit polyclonal to ZKSCAN3
Host species	Rabbit
Tested applications	Suitable for: IHC-P, ICC/IF
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment corresponding to Human ZKSCAN3 aa 150-300. Database link: Q9BRR0 <div>  Run BLAST with  Run BLAST with </div>
Positive control	Human small intestine tissue; Human cell A-431 cells.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

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 long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab187866 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		1/50 - 1/200. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		Use a concentration of 1 - 4 µg/ml.

Target

Function

Acts as a transcriptional regulator. Binds to the consensus sequence 5'-[GT][AG][AGT]GGGG-3'. Associates with chromatin at the ITGB4 and VEGF promoters. Activates the transcription of genes associated with colon cancer progression.

Tissue specificity

Expressed in colorectal cancers (at protein level).

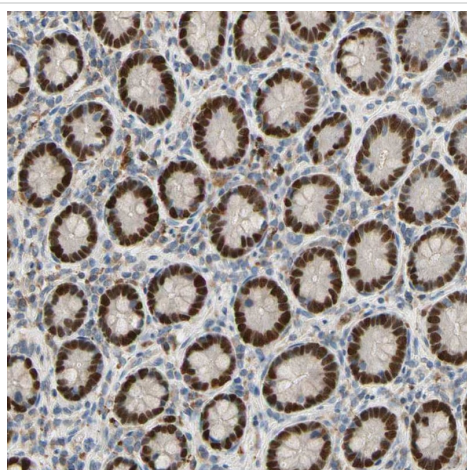
Sequence similarities

Belongs to the krueppel C2H2-type zinc-finger protein family.
Contains 7 C2H2-type zinc fingers.
Contains 1 KRAB domain.
Contains 1 SCAN box domain.

Cellular localization

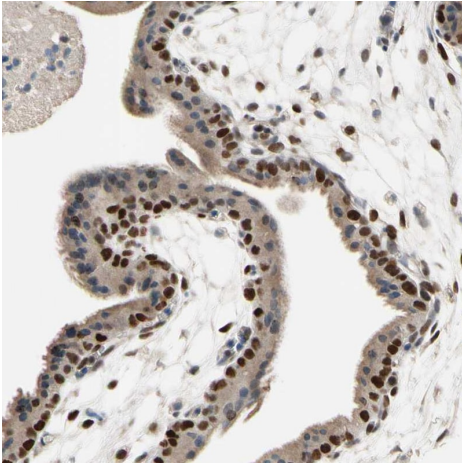
Nucleus.

Images



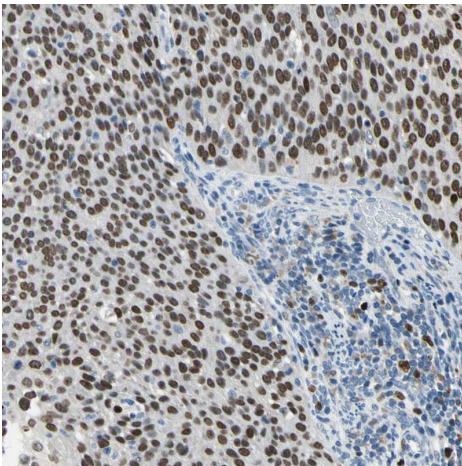
Immunohistochemical analysis of human small intestine tissue labelled for ZKSCAN3 using ab187866. Strong positive nuclear staining observed in glandular cells.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ZKSCAN3 antibody (ab187866)



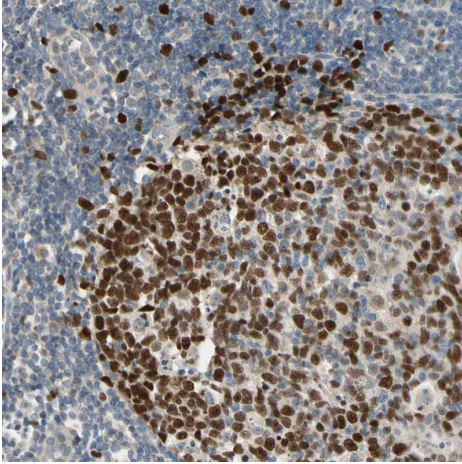
Immunohistochemical analysis of human placenta tissue labelled for ZKSCAN3 using ab187866. Positive nuclear and cytoplasmic staining observed in trophoblastic cells.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ZKSCAN3 antibody (ab187866)



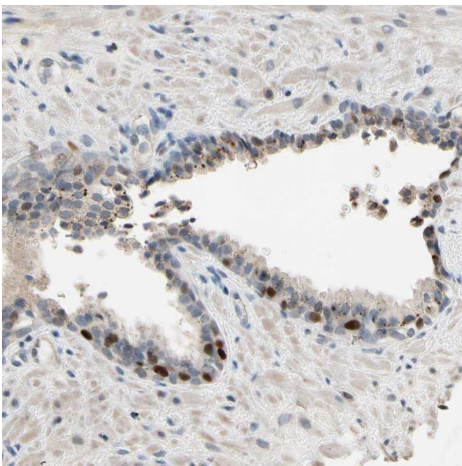
Immunohistochemical analysis of human cervical cancer tissue labelled for ZKSCAN3 using ab187866. Positive nuclear staining observed in tumor cells.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ZKSCAN3 antibody (ab187866)



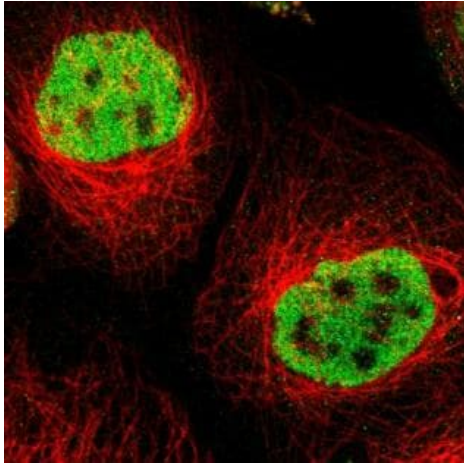
Immunohistochemical analysis of human tonsil tissue labelled for ZKSCAN3 using ab187866. Positive nuclear staining observed in germinal and non-germinal center cells.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ZKSCAN3 antibody (ab187866)



Immunohistochemical analysis of human prostate tissue labelled for ZKSCAN3 using ab187866. Positive nuclear and cytoplasmic staining observed in glandular cells.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ZKSCAN3 antibody (ab187866)



Immunofluorescent analysis of Human cell line A-431 labeling ZKSCAN3 with ab187866 at 4µg/ml.

Immunocytochemistry/ Immunofluorescence - Anti-ZKSCAN3 antibody (ab187866)

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