



Anti-Tissue kallikrein antibody ab131029

★★★★★ [1 Abreviews](#) [2 References](#) [2 Images](#)

Overview

Product name	Anti-Tissue kallikrein antibody
Description	Rabbit polyclonal to Tissue kallikrein
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Rat
Immunogen	Synthetic peptide within Rat Tissue kallikrein aa 200-300 (C terminal). The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please contact our Scientific Support team to discuss your requirements. <div>  Run BLAST with  Run BLAST with </div>
Positive control	IHC-P: Rat kidney tissue; WB: Rat pancreas and kidney lysates.
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.
Storage buffer	Preservatives: 0.025% Thimerosal (merthiolate), 0.025% Sodium azide Constituents: 2.5% BSA, 0.1% Dibasic monohydrogen sodium phosphate, 0.45% Sodium chloride
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab131029 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
WB	★★★★★ (1)	Use a concentration of 0.1 - 0.5 µg/ml. Predicted molecular weight: 29 kDa.
IHC-P		Use a concentration of 0.5 - 1 µg/ml. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

Target

Function

Glandular kallikreins cleave Met-Lys and Arg-Ser bonds in kininogen to release Lys-bradykinin.

Tissue specificity

Isoform 2 is expressed in pancreas, salivary glands, kidney, colon, prostate gland, testis, spleen and the colon adenocarcinoma cell line T84.

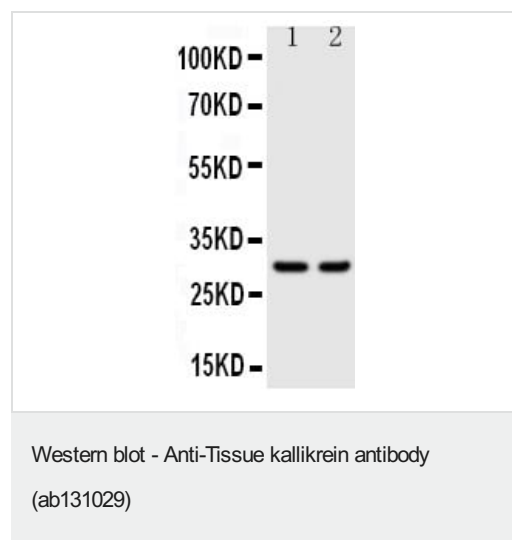
Sequence similarities

Belongs to the peptidase S1 family. Kallikrein subfamily.
Contains 1 peptidase S1 domain.

Post-translational modifications

The O-linked polysaccharides on Ser-93, Ser-104 and Ser-167 are probably the mucin type linked to GalNAc. In PubMed:3163150, GalNAc was detected with the corresponding peptides but not located.

Images

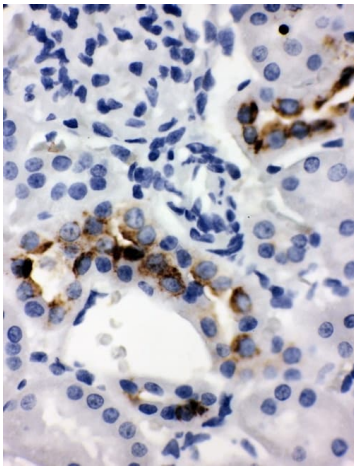


All lanes : Anti-Tissue kallikrein antibody (ab131029)

Lane 1 : Rat Pancreas Tissue Lysate

Lane 2 : Rat Kidney Tissue Lysate

Predicted band size: 29 kDa



Immunohistochemistry paraffin-embedded section of rat kidney staining tissue kallikrein with ab131029.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Tissue kallikrein antibody (ab131029)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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