


Product datasheet

Anti-TMPRSS4 antibody ab150595

[2 References](#) [2 Images](#)

Overview

| | |
|----------------------------|---|
| Product name | Anti-TMPRSS4 antibody |
| Description | Rabbit polyclonal to TMPRSS4 |
| Host species | Rabbit |
| Specificity | BLAST analysis of the peptide immunogen showed no homology with other Human proteins. |
| Tested applications | Suitable for: IHC-P |
| Species reactivity | Reacts with: Human Predicted to work with: Horse, Dog, Chimpanzee, Monkey, Gorilla, Common marmoset, Orangutan  |
| Immunogen | Synthetic peptide, corresponding to 19 amino acids from an internal region of Human TMPRSS4 (NP_063947.1). |
| Positive control | Human small intestine and colon tissues. |
| 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: 7.4 Preservative: 0.1% Sodium azide Constituent: 99% PBS |
| Purity | Immunogen affinity purified |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

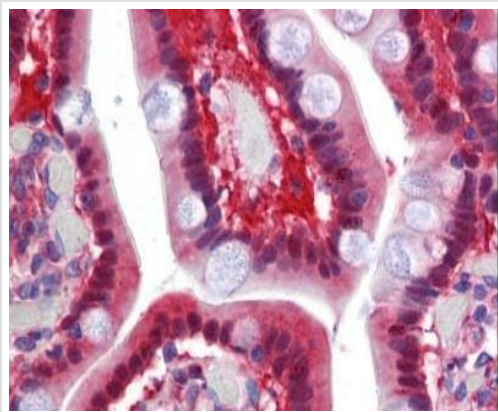
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab150595 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|--|
| IHC-P | | Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. |

Target

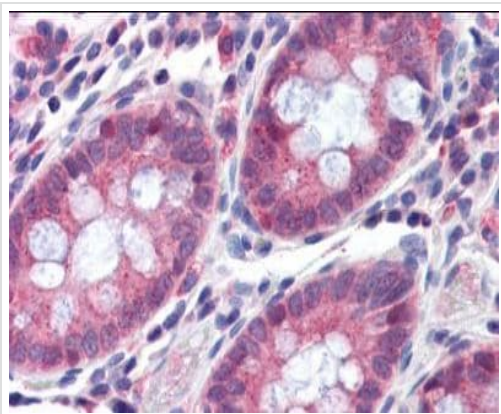
| | |
|------------------------------|--|
| Function | Probable protease. Seems to be capable of activating ENaC. |
| Tissue specificity | High levels in pancreatic, gastric, colorectal and ampullary cancer. Very weak expression in normal gastrointestinal and urogenital tract. |
| Sequence similarities | Belongs to the peptidase S1 family. Contains 1 LDL-receptor class A domain. Contains 1 peptidase S1 domain. Contains 1 SRCR domain. |
| Cellular localization | Membrane. |

Images



Immunohistochemical analysis of formalin-fixed, paraffin embedded Human small intestine tissue labeling TMPRSS4 with ab150595 at 5 µg/ml dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TMPRSS4 antibody (ab150595)



Immunohistochemical analysis of formalin-fixed, paraffin embedded Human colon tissue labeling TMPRSS4 with ab150595 at 5 µg/ml dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TMPRSS4 antibody (ab150595)

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

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