




Product datasheet

Anti-PI-15 antibody ab133172

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Overview

Product name	Anti-PI-15 antibody
Description	Goat polyclonal to PI-15
Host species	Goat
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Rabbit, Chicken, Cow, Dog, Pig, Zebrafish 
Immunogen	Synthetic peptide corresponding to Human PI-15 aa 128-141 (internal sequence) (Cysteine residue). Sequence: C-RTGRYRSILQLVKP Database link: NP_056970.1  Run BLAST with  Run BLAST with
Positive control	HeLa cell lysate
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 -20°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% BSA, 99% Tris buffered saline
Purity	Immunogen affinity purified
Purification notes	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity

chromatography using the immunizing peptide.

Clonality Polyclonal
Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab133172 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		Use a concentration of 0.3 - 1 µg/ml. Detects a band of approximately 33 kDa (predicted molecular weight: 29 kDa). 1 hour primary incubation is recommended for this product.
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 Serine protease inhibitor which displays weak inhibitory activity against trypsin.
Tissue specificity Weakly expressed. Expressed at low level in prostate, mammary gland, salivary gland and thyroid gland.
Sequence similarities Belongs to the CRISP family.
Post-translational modifications N-glycosylated.
Cellular localization Secreted.

Images



Anti-PI-15 antibody (ab133172) at 0.3 µg/ml + HeLa cell lysate in RIPA buffer at 35 µg

Developed using the ECL technique.

Predicted band size: 29 kDa

Observed band size: 33 kDa

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

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- We provide support in Chinese, English, French, German, Japanese and Spanish
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