

Product datasheet

Anti-Mast Cell Tryptase antibody ab231714

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Overview

Product name	Anti-Mast Cell Tryptase antibody
Description	Rabbit polyclonal to Mast Cell Tryptase
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Dog
Immunogen	Recombinant fragment (His-tag) corresponding to Dog Mast Cell Tryptase aa 150 to the C-terminus. (Expressed in E.coli). Database link: P15944

 [Run BLAST with](#)

 [Run BLAST with](#)

Positive control WB: Canine lung tissue; Recombinant canine Mast Cell Tryptase protein.

General notes 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.

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

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: 7.40 Preservative: 0.011% Proclin 300 Constituents: 55.77% Glycerol (glycerin, glycerine), 44.219% PBS
Purity	Immunogen affinity purified
Purification notes	ab231714 was purified by antigen-specific affinity chromatography followed by Protein A affinity chromatography.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab231714 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 0.5 - 2 µg/ml. Predicted molecular weight: 30 kDa.

Target

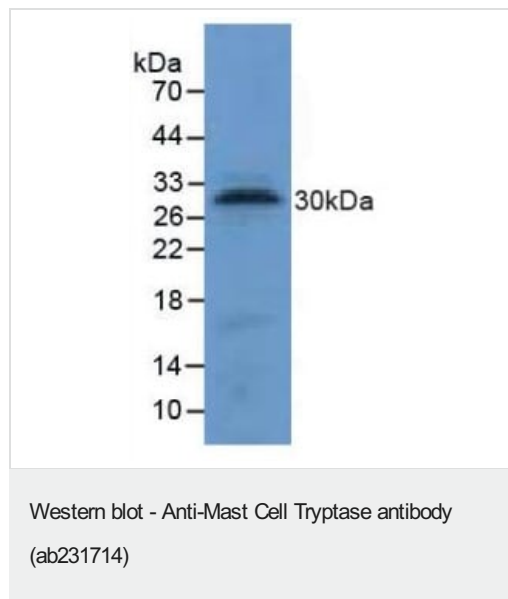
Relevance

Mast cells contain a number of preformed chemical mediators such as histamine, chymase, carboxypeptidase and proteolytic trypase. Human Mast Cell Trypsase is considered to be an important marker of mast cell activation as well as an important mediator of inflammation.

Cellular localization

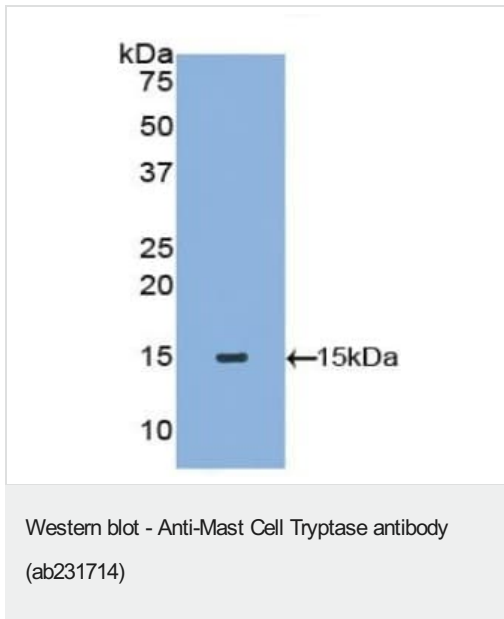
Secreted. Note: released from the secretory granules upon mast cell activation.

Images



Anti-Mast Cell Trypsase antibody (ab231714) at 2 µg/ml + Canine lung tissue

Predicted band size: 30 kDa



Anti-Mast Cell Tryptase antibody (ab231714) at 2 µg/ml +
Recombinant canine Tryptase protein

Predicted band size: 30 kDa

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

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