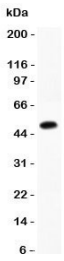
Chymase Antibody (R31485)

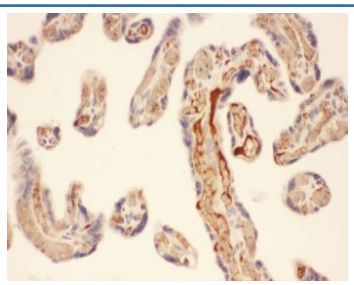
Catalog No.	Formulation	Size
R31485	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
Gene ID	1215
Applications	Western blot: 0.5-1ug/ml IHC (FFPE): 0.5-1ug/ml
Limitations	This Chymase antibody is available for research use only.



Western blot testing of Chymase antibody and recombinant human protein (0.5ng)



IHC-P: Chymase antibody testing of human placenta tissue

Description

Chymase is a major secreted protease of mast cells with suspected roles in vasoactive peptide generation, extracellular matrix degradation, and regulation of gland secretion. This gene product is a chymotryptic serine proteinase that belongs to the peptidase family S1. Chymase is expressed in mast cells and thought to function in the degradation of the extracellular matrix, the regulation of submucosal gland secretion, and the generation of vasoactive peptides. In the heart and blood vessels, Chymase, rather than angiotensin converting enzyme, is largely responsible for converting angiotensin I to the vasoactive peptide angiotensin II.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the Chymase antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Human partial recombinant protein (AA 22-247) was used as the immunogen for this Chymase antibody.

Storage

After reconstitution, the Chymase antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Copyright © NSJ Bioreagents. All rights reserved.