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Datasheet for ABIN5026899
anti-Elastase antibody

Overview

Quantity:	1 mg
Target:	Elastase
Reactivity:	Mammalian
Host:	Chicken
Clonality:	Polyclonal
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Agglutination (AGG)

Product Details

Immunogen:	raw, native protein
Isotype:	IgY
Characteristics:	IgY-antibody
Purification:	Precipitation with ammoniumsulfate , dialyse and fitration

Target Details

Target:	Elastase
Abstract:	Elastase Products
Background:	Secreted by neutrophils and macrophages during inflammation, elastase is a serine proteinase in the same family as chymotrypsin and has broad substrate specificity, destroys bacteria and host tissue. This protein degrades the outer membrane protein A (OmpA) of E. coli as well as the virulence factors of such bacteria as Shigella, Salmonella and Yersinia. The enzyme may play a role in degenerative and inflammatory diseases by its proteolysis of collagen-IV and

Target Details

elastin of the extracellular matrix. It is also an important protease enzyme that when expressed aberrantly can cause emphysema or emphysematous changes. This involves breakdown of the lung structure and increased airspaces.

Application Details

Application Notes: Perform a chessboard titration before the first application

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PBS, pH 7.4, 0.1 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C
