

Anti-Neutrophil elastase Rabbit pAb



WL05094

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-Neutrophil elastase Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:1000-1:2000
Pack size	50/100/200/500/1000μl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background

Neutrophil Elastase (NE) is a serine protease that is expressed in bone marrow precursor cells, stored in peripheral blood granulocytes and implicated in the progression of a variety of inflammatory diseases, including idiopathic pulmonary fibrosis, rheumatoid arthritis, adult respiratory distress syndrome and cystic fibrosis. Neutrophil Elastase, which is also designated medullasin, is secreted into the extracellular matrix, where it is then capable of destroying connective tissue proteins, including elastin, proteoglycans and Type IV Collagens. Neutrophil Elastase also mediates proteolysis by cleaving proteins that are associated with the complement system, such as antithrombin and Fibrinogen.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Neutrophil elastase.

Purification

Polyclonal antibody was purified by ProteinA affinity chromatography.

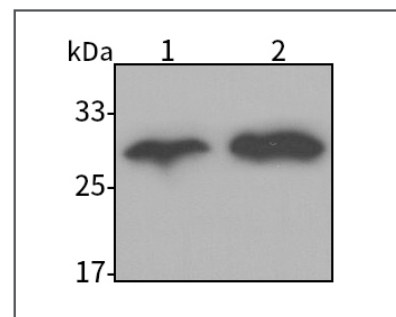
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Product Images



Western blot-Anti-Neutrophil elastase pAb

Lane 1: Human THP-1 cell lysate

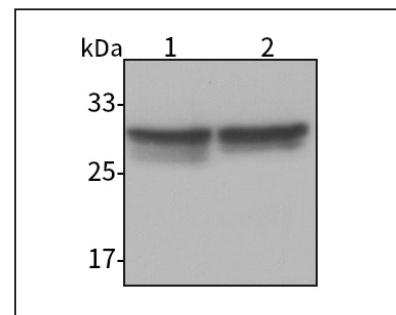
Lane 2: Human U-937 cell lysate

All lanes: Anti-Neutrophil elastase at 1:1000 dilution

Lysates/proteins at 20-50 μg per lane.

Predicted band size: 29 kDa

Observed band size: 29 kDa



Western blot-Anti-Neutrophil elastase pAb

Lane 1: Mouse spleen tissue lysate

Lane 2: Rat spleen tissue lysate

All lanes: Anti-Neutrophil elastase at 1:1000 dilution

Lysates/proteins at 20-50 μg per lane.

Predicted band size: 29 kDa

Observed band size: 29 kDa