

Rabbit anti-Mouse, Rat Neutrophil Elastase (NE) Polyclonal Antibody | anti-NE antibody

Polyclonal Antibody to Neutrophil Elastase (NE)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA149612	Rabbit	Mouse, Rat	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Neutrophil Elastase (NE); Polyclonal Antibody; Polyclonal Antibody to Neutrophil Elastase (NE); ELANE; HLE; HNE; ELA2; PMN-E; Neutrophil Elastase; Medullasin; Polymorphonuclear Leukocyte Elastase; Bone Marrow Serine Protease; Human Leukocyte Elastase; PMN Elastase; anti-NE antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against NE. It has been selected for its ability to recognize NE in immunohistochemical staining and western blotting.
Purity/Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Form/Format	Liquid; 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence	Ile29~Arg2 47
Applicable Applications for anti-NE antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Sequence	Ile29~Arg247
Cross Reactivity	Mouse
Conjugation	None
Preparation and Storage	Store at 4 degree C for frequent use. Aliquot and store at -20 degree C for 12 months. Avoid repeated freeze/thaw cycles. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



WB (Western Blot)

Western Blot; Sample: Lane1: Mouse Lung lysate; Lane2: Mouse Spleen lysate; Lane3: Human Lung lysate; Lane4: Rat Lung lysate
Primary Ab: 1ug/ml Rabbit Anti-Mouse ELA2 Antibody
Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



WB (Western Blot)

Western Blot; Sample: Recombinant ELA2, Mouse.

ADDITIONAL INFORMATION

Product Categories/Family for anti-NE antibody	Enzyme & Kinase; Infection Immunity
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NCBI AND UNIPROT INFORMATION

NCBI GI #	114052444
NCBI GeneID	50701
NCBI Accession #	NP_056594.2
NCBI GenBank Nucleotide #	NP_056594.2
UniProt Accession #	Q3UP87
NCBI Official Full Name	neutrophil elastase
NCBI Official Synonym Full Names	elastase, neutrophil expressed
NCBI Official Symbol	Elane
NCBI Official Synonym Symbols	NE; Ela2; F430011M15Rik
NCBI Protein Information	neutrophil elastase
UniProt Protein Name	Neutrophil elastase
UniProt Gene Name	Elane
UniProt Synonym Gene Names	Ela2
UniProt Entry Name	ELNE_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/neutrophil-elastase-ne-antibody-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/149612>