

Rabbit anti-Human, Mouse Leukocyte Elastase Inhibitor Polyclonal Antibody | anti-LEI antibody

Polyclonal Antibody to Leukocyte Elastase Inhibitor (LEI)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA141947	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Leukocyte Elastase Inhibitor; Polyclonal Antibody; Polyclonal Antibody to Leukocyte Elastase Inhibitor (LEI); anti-LEI antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against LEI. It has been selected for its ability to recognize LEI in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	0.59mg/ml (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag, His-tag and T7-tag and its sequence is listed below. MGSSH HHHHHSSGLV PRGSHMASMT GGQMGGRGSE FELRRQAC-P FRLSKKDTKT VKMMYQKKKF PFGYISDLKC KVLEMPYQGG ELSMVILLPK DIEDESTGLK KIEKQITLEK LLEWTKRENLEFIDVHVKLPRFKIEESYTL NSNLGRLGVQ DLFSSSKADL SGMSGSGS
Sequence Length	379
Applicable Applications for anti-LEI antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	LEI (Pro184~Ser368)
Organism Species	Mus musculus (Mouse)
Cross Reactivity	Mouse
Conjugate	No Conjugate
Immunogen	Recombinant LEI (Pro184~Ser368) expressed in E. coli.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Mouse Intestine Tissue



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Mouse Kidney Tissue



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Mouse Spleen Tissue.



WB (Western Blot)
Western Blot: Sample: Recombinant LEI, Mouse.



WB (Western Blot)
Western Blot: Sample: Lane1: Mouse Pancreas Tissue; Lane2: Mouse Spleen Tissue.

NCBI AND UNIPROT INFORMATION

NCBI GI #	114158675
NCBI GeneID	66222
NCBI Accession #	NP_079705.2
NCBI GenBank Nucleotide #	NM_025429.2
UniProt Accession #	Q9D154; Q3TV23; Q5SUV7; Q9D0S8; Q9D7S8
Molecular Weight	42,575 Da
NCBI Official Full Name	leukocyte elastase inhibitor A
NCBI Official Synonym Full Names	serine (or cysteine) peptidase inhibitor, clade B, member 1a
NCBI Official Symbol	Serpinb1a
NCBI Official Synonym Symbols	EI; EIA; LEI; PI2; MNEI; M/NEI; ELANH2; AI325983; 1190005M04Rik
NCBI Protein Information	leukocyte elastase inhibitor A
UniProt Protein Name	Leukocyte elastase inhibitor A
UniProt Gene Name	Serpinb1a
UniProt Synonym Gene Names	Serpinb1

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.