

Leukocyte elastase inhibitor Polyclonal Antibody

Catalog No: #42321

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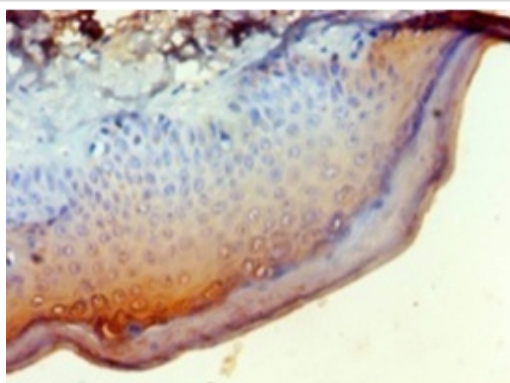
Description

Product Name	Leukocyte elastase inhibitor Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Leukocyte elastase inhibitor polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Leukocyte elastase inhibitor proteinB&B™1-379aaB&B©
Target Name	Leukocyte elastase inhibitor
Other Names	Monocyte/neutrophil elastase inhibitor, Peptidase inhibitor 2, ELANH2, MNEI, PI2, SERPINB1
Accession No.	Swiss-Prot#: P30740
Uniprot	P30740
GeneID	1992;
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

Application Details

Immunohistochemistry: 1:20 - 1:200

Images



Immunohistochemical analysis of paraffin-embedded human skin using #42321 at dilution of 1:100.

Background

Regulates the activity of the neutrophil proteases elastase, cathepsin G, proteinase-3, chymase, chymotrypsin, and kallikrein-3. Also functions as a potent intracellular inhibitor of granzyme H.

References

- [1]"Identification of SERPINB1 as a physiological inhibitor of human granzyme H." Wang L., Li Q., Wu L., Liu S., Zhang Y., Yang X., Zhu P., Zhang H., Zhang K., Lou J., Liu P., Tong L., Sun F., Fan Z. J. Immunol. 190:1319-1330(2013). [2]"N-terminal acetylome analyses and functional insights of the N-terminal acetyltransferase NatB." Van Damme P., Lasa M., Polevoda B., Gazquez C., Elosegui-Artola A., Kim D.S., De Juan-Pardo E., Demeyer K., Hole K., Larrea E., Timmerman E., Prieto J., Arnesen T., Sherman F., Gevaert K., Aldabe R. Proc. Natl. Acad. Sci. U.S.A. 109:12449-12454(2012). [3]"Initial characterization of the human central proteome." Burkard T.R., Planyavsky M., Kaupe I., Breitwieser F.P., Buerckstuehmer T., Bennett K.L., Superti-Furga G., Colinge J. BMC Syst. Biol. 5:17-17(2011).

Note: This product is for in vitro research use only