

Anti-Myeloperoxidase 89k Antibody

Rabbit polyclonal antibody to Myeloperoxidase 89k

Catalog # AP61038

Product Information

Application	WB
Primary Accession	P05164
Other Accession	P11247
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	83869

Additional Information

Gene ID	4353
Other Names	Myeloperoxidase; MPO
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Myeloperoxidase 89k. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

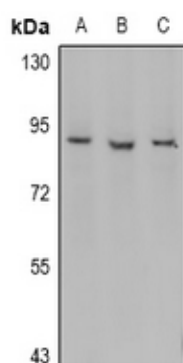
Protein Information

Name	MPO (HGNC:7218)
Function	Part of the host defense system of polymorphonuclear leukocytes. It is responsible for microbicidal activity against a wide range of organisms. In the stimulated PMN, MPO catalyzes the production of hypohalous acids, primarily hypochlorous acid in physiologic situations, and other toxic intermediates that greatly enhance PMN microbicidal activity (PubMed: 9922160). Mediates the proteolytic cleavage of alpha-1-microglobulin to form t-alpha-1-microglobulin, which potently inhibits oxidation of low-density lipoprotein particles and limits vascular damage (PubMed: 25698971).
Cellular Location	Lysosome.

Background

KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Myeloperoxidase 89k. The exact sequence is proprietary.

Images



Western blot analysis of Myeloperoxidase 89k expression in Jurkat (A), K562 (B), SP20 (C) whole cell lysates.

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