MPO Polyclonal Antibody

catalog number: **E-AB-70280**

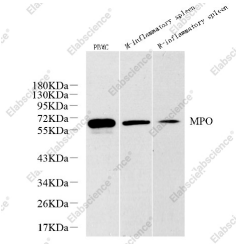
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant protein corresponding to MouseMPO
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein protectant and 50% glycerol.

Applications	Recommended Dilution
WB	1:500-1:2000

Data



Western Blot analysis of various samples using MPO Polyclonal Antibody at dilution of 1:1000.

Observed-MW:60 kDa

Calculated-MW:60/80-90 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

Myeloperoxidase (MPO) is a heme protein synthesized during myeloid differentiation that constitutes the major component of neutrophil azurophilic granules.Produced as a single chain precursor, myeloperoxidase is subsequently cleaved into a light and heavy chain.The mature myeloperoxidase is a tetramer composed of 2 light chains and 2 heavy chains.This enzyme produces hypohalous acids central to the microbicidal activity of netrophils.

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