Datasheet for ABIN548539

anti-Myeloperoxidase antibody (C-Term)

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Overview

Quantity:	100 µg
Target:	Myeloperoxidase (MPO)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Myeloperoxidase antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of MPO.
Immunogen:	A synthetic peptide corresponding to amino acids at C-terminus of human MPO.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rabbit, Rat

Target Details

Target:	Myeloperoxidase (MPO)
Alternative Name:	Myeloperoxidase (MPO Products)
Gene ID:	4353
Pathways:	Chromatin Binding

Application Details

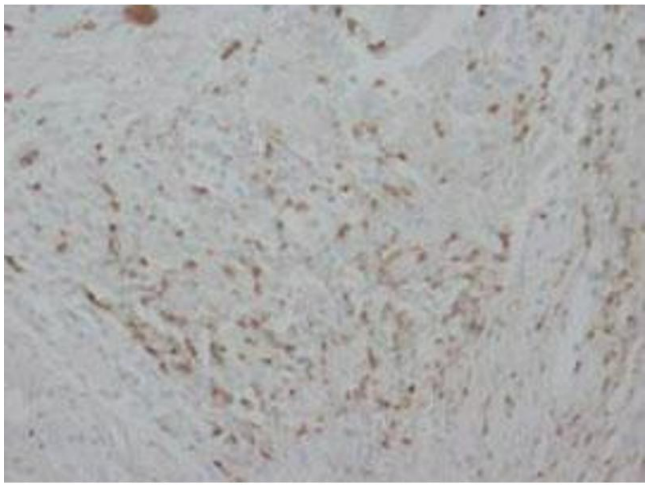
Application Notes:	Western Blot (2 µg/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5~1 µg/mL) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from 0.9 mg NaCl, 0.2 mg Na_2HPO_4 (5 mg BSA, 0.05 mg sodium azide, 0.05 mg Thimerosal)
Preservative:	Sodium azide, Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate) and Sodium azide: POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C on dry atmosphere. After reconstitution with 200 uL of deionized water and concentration will be 500 ug/mL, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

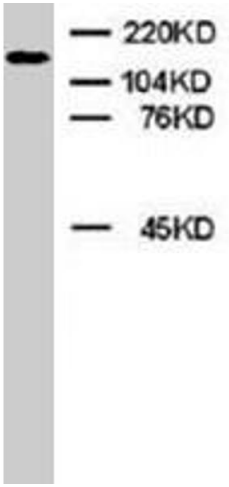
Publications

Product cited in:	Yeh, Shun, Kuo, Jung, Hsieh, Chiu, Chen, Hsu, Yang, Chia: "Activated human valvular interstitial cells sustain interleukin-17 production to recruit neutrophils in infective endocarditis." in: **Infection and immunity**, Vol. 83, Issue 6, pp. 2202-12, (2015) (PubMed). Roberts, Ho, Luff, Lee, Apte, MacDonald, Raggat, Pettit, Morrow, Waters, Chen, Woods, Thomas, St Pierre, Farah, Clarke, Brown, Lavin: "Smg1 haploinsufficiency predisposes to tumor formation and inflammation." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 110, Issue 4, pp. E285-94, (2013) (PubMed).



Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded human ovary sections using MPO polyclonal antibody .



Western Blotting

Image 2. Western blot analysis of rat brain tissue lysate. Using MPO polyclonal antibody .