

Product datasheet for **TA318973**

Myeloperoxidase (MPO) Rabbit Polyclonal Antibody

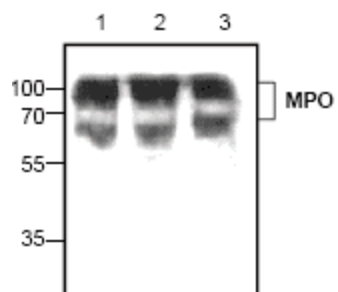
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 0.5-4 µg/ml
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide surrounding amino acid 765 of human MPO
Formulation:	100 µg (0.5 mg/ml) affinity purified rabbit anti-MPO polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	myeloperoxidase
Database Link:	NP_000241 Entrez Gene 17523 Mouse Entrez Gene 4353 Human P05164
Background:	Myeloperoxidase (MPO) is highly expressed in neutrophils and polymorphonuclear leukocytes. MPO is expressed as a dimer in regular neutrophils with a 140kDa. The glycosylated form of MPO has a molecular weight of 92kDa and when undergoes a final glycosylation, MPO forms subunits of 60kDa and 12kDa. In recent studies, MPO was shown to be involved in the initiation and progression of cardiovascular disease.
Synonyms:	Myeloperoxidase
Protein Families:	Druggable Genome



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Product images:



Western blot analysis of MPO with Jurkat (Lane 1, 2) and 3T3 (Lane 3) cell lysate.