

## Product datasheet for **TA343091**

### Myeloperoxidase (MPO) Rabbit Polyclonal Antibody

#### Product data:

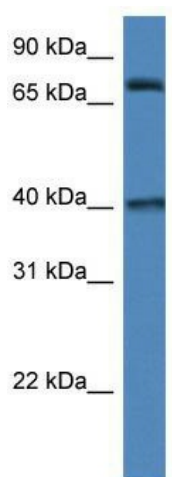
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-MPO antibody: synthetic peptide directed towards the N terminal of human MPO. Synthetic peptide located within the following region: QLNVLSKSSGCAYQDVGVTCPEQDKYRTITGMCNRRSPTLGASNRAFVR
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	84 kDa
Gene Name:	myeloperoxidase
Database Link:	<a href="#">NP_000241</a> <a href="#">Entrez Gene 4353 Human P05164</a>
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 neutrophils.
Synonyms:	Myeloperoxidase
Note:	Immunogen Sequence Homology: Human: 100%; Rabbit: 100%; Rat: 93%; Pig: 86%; Mouse: 86%; Guinea pig: 86%; Dog: 83%; Goat: 79%; Horse: 79%; Bovine: 79%



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Protein Families: Druggable Genome

### Product images:



WB Suggested Anti-MPO Antibody; Titration: 1.0 ug/ml; Positive Control: 293T Whole Cell MPO is supported by BioGPS gene expression data to be expressed in HEK293T