

Product datasheet for **BP545**

Heme Oxygenase 1 (HMOX1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Western blot (1/500-1/2,000 using ECL): This antibody detects a band of approximately 32kDa under reducing conditions. Immunohistochemistry on Frozen Sections: 1/50-1/1000. Reacts with Human spleen, kidney and airway biopsies as well as Pig arteries.
Reactivity:	Bovine, Human, Mouse, Porcine, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to aa residues 12-25 + Cys-NH ₂ of the Human HO-1 protein
Specificity:	Recognises Heme Oxygenase-1 (HO-1).
Formulation:	PBS containing 0.065% Sodium Azide State: Aff - Purified State: Liquid purified IgG fraction
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquost) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	heme oxygenase 1
Database Link:	Entrez Gene 15368 Mouse Entrez Gene 24451 Rat Entrez Gene 3162 Human P09601
Background:	HO-1 expression can be increased during cellular stress, including heat shock. Baseline levels of expression are high in certain tissues, including spleen and liver.
Synonyms:	HO-1, HO, HO1
Note:	Enriched enzyme preparations are recommended for experimental analysis !



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Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Porphyrin and chlorophyll metabolism