

Goat anti-Heme Oxygenase 1 (aa242-256) Antibody

Item Number	dAP-3321
Target Molecule	Principle Name: Heme Oxygenase 1 (aa242-256); Official Symbol: HMOX1; All Names and Symbols: HMOX1; heme oxygenase (decycling) 1; HO-1; HSP32; bK286B10; OTTHUMP00000198812; heat shock protein, 32-kD; heme oxygenase 1; Accession Number (s): NP_002124.1; Human Gene ID(s): 3162; Non-Human GeneID(s):
Immunogen	NKVQDSAPVETPRGK, is from internal region
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 30kDa band observed in Human Liver lysates (calculated MW of 32.8kDa according to NP_002124.1). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Banerjee P, Basu A, Datta D, Gasser M, Waaga-Gasser AM, Pal S. The heme oxygenase-1 protein is overexpressed in human renal cancer cells following activation of the Ras-Raf-ERK pathway and mediates anti-apoptotic signal. J Biol Chem. 2011 Sep 23;286(38):33580-90..PMID: 21808062->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**