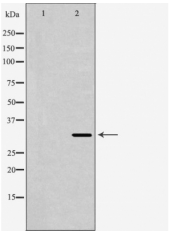
HO-1 Ab

References(1) Images(1)

Cat.#: DF6391	Concn.: ~1mg/ml	Mol.Wt.: 33kDa
Size: 100ul,200ul,50ul	Source: Rabbit	Clonality: Polyclonal

Application:	WB 1:500-1:2000, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000 *The optimal dilutions should be determined by the end user.
Reactivity:	Human,Mouse,Rat
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).
Immunogen:	A synthesized peptide derived from human HMOX1, corresponding to a region within the internal amino acids.
Uniprot:	P09601
Description:	Hemeoxygenase (HO) is the rate-limiting enzyme in the catabolism of heme that results in the release of carbon monoxide, iron, and biliverdin . The products of this enzymatic reaction play important biological roles in antioxidant, anti-inflammatory and cytoprotective functions . Hemeoxygenase comprises two isozymes, including the constitutively expressed HO-2 isozyme and the inducible HO-1 isozyme . Inducible HO-1 is expressed as an adaptive response to several stimuli, including heme, metals, and hormones . The induction of HO-1 has been implicated in numerous disease states, such as transplant rejection, hypertension, atherosclerosis, Alzheimer disease, endotoxic shock, diabetes, inflammation, and neurological disorders (1,5).
Storage:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.



Western blot analysis of Mouse spleen lysates, using HMOX1 Ab. The lane on the left was treated with the antigen-specific peptide.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.

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procedures. Not for resale without express authorization.