

## Anti-HO-1 /HMOX1 Rabbit pAb

货号: PN0151

### 产品信息

全称	Anti-HO-1 /HMOX1 Rabbit pAb
别名	HMOX1, HMOX1D, HO-1, HSP32, bK286B10, heme oxygenase 1
抗体来源/类型	Rabbit Polyclonal
交叉反应	Human, Mouse, Rat (predicted: Human, Mouse, Rat, Pig, Monkey, Chicken, Bovine, Goat)
产品应用	WB : 1:1000-1:6000 IP : 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC : 1:50-1:500 IF-P : 1:50-1:500 FC (INTRA) : 0.40 ug per 10 <sup>6</sup> cells in a 100 µl suspension
理论/实际分子量	28kDa/33kDa
细胞定位	Endoplasmic reticulum membrane
性状	Liquid
浓度	800ug/ml
免疫原	HO-1/HMOX1 fusion protein Ag1190
亚型	IgG
纯化方法	Antigen affinity purification
Uniprot ID	P09601
缓冲液	PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
保存条件	Store at -20°C. Stable for one year after shipment. Aliquoting is unnecessary for -20oC storage.
注意事项	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

### 背景

Heme oxygenase (HMOX1) catalyzes the first and rate-limiting step in the degradation of heme to yield equimolar quantities of biliverdin Ixa, carbon monoxide (CO), and iron. It has 3 isoforms: HO-1 is highly inducible, whereas HO-2 and HO-3 are constitutively expressed (PMID:10194478). Heme oxygenase-1 (HO-1) is expressed in many tissues and vascular smooth muscle cells, and endothelial cells and has been identified as an important endogenous protective factor induced in many cell types

by various stimulants, such as hemolysis, inflammatory cytokines, oxidative stress, heat shock, heavy metals, and endotoxin. And the full-length HO-1 is very unstable and susceptible to truncation that generates an inactive, soluble form (28 kDa)

**For Research Use Only. Not For Use In Diagnostic Procedures**

