

Catalase (7N12) Rabbit Monoclonal Antibody

Catalog# HZ-YMA00248

Product information

产品货号	HZ-YMA00248
别名	CAT;Catalase
产品名称	Catalase (7N12) Rabbit Monoclonal Antibody
类别	抗体产品
基因名称	CAT
推荐应用	WB,IHC-P,IF-P,IF-F,IF-ICC,ELISA
反应种属	Human,Mouse,Rat
存储缓冲液	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Human Gene ID	847
Human Swissprot No.	P04040
稀释度	IHC-P 1:200-1000, WB 1:1000-5000, IF-P/IF-F/IF-ICC 1:200-1000, ELISA 1:5000-20000
参考分子量	60kDa
预测分子量	60kDa
运输及保存条件	Biological ice bag transportation. Store at -20°C for at least 12 months(Do not lower than -25°C). Avoid freeze/thaw cycles
宿主	Rabbit
同种型	Monoclonal, rabbit, IgG, Kappa
背景介绍	This gene encodes catalase, a key antioxidant enzyme in the bodies defense against oxidative stress. Catalase is a heme enzyme that is present in the peroxisome of nearly all aerobic cells. Catalase converts the reactive oxygen species hydrogen peroxide to water and oxygen and thereby mitigates the toxic effects of hydrogen peroxide. Oxidative stress is hypothesized to play a role in the development of many chronic or late-onset diseases such as diabetes, asthma, Alzheimer's disease, systemic lupus erythematosus, rheumatoid arthritis, and cancers. Polymorphisms in this gene have been associated with decreases in catalase activity but, to date, acatalasemia is the only disease known to be caused by this gene. [provided by RefSeq, Oct 2009],
纯化	Protein A
Clonality	Monoclonal