

HEME OXYGENASE 1 RABBIT MAB

Cat.#: N262321

Product Name: Anti-Heme Oxygenase 1 Rabbit Monoclonal Antibody

Synonyms: HO-1; HSP32; HMOX1; ; HO1

UNIPROT ID: P09601

Background: 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.

Immunogen: Recombinant protein of Heme Oxygenase 1

Applications: WB,IHC-F,IHC-P,ICC/IF,IP

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R02-6C1

MW: Calculated MW: 33 kDa; Observed MW: 33 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human,Mouse,Rat

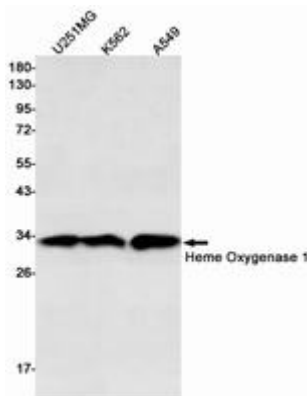
Conjugation: Unconjugated

Modification: Unmodified

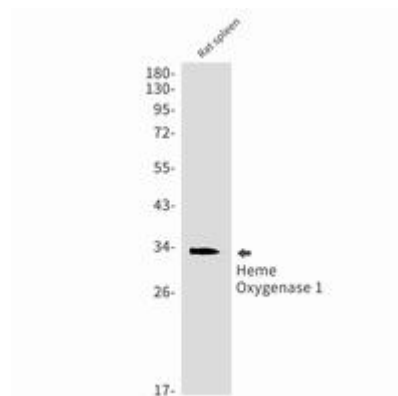
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Neuroscience

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



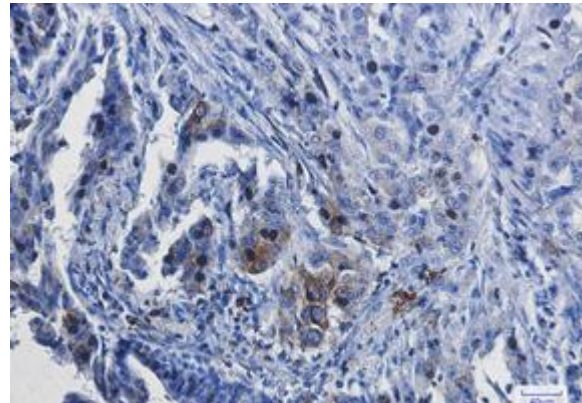
Western blot analysis of Heme Oxygenase 1 in U251MG, K562, A549 lysates using Heme Oxygenase 1 antibody



Western blot analysis of Heme Oxygenase 1 in rat spleen lysates using Heme Oxygenase 1 antibody.



Western blot analysis of Heme Oxygenase 1 in mouse spleen lysates using Heme Oxygenase 1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Heme Oxygenase 1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.