

Anti-HMOX1 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Rat (predicted:Mouse,Chicken,Dog,Pig,Cow,Horse,Rabbit,Sheep,GuineaPig)
Molecular Weight:	Theoretical: 32 kDa. Actual: 35 kDa.
Purification:	Protein A purified

Applications

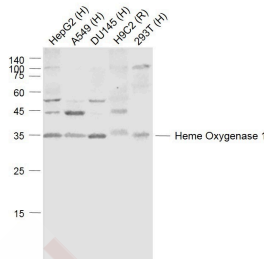
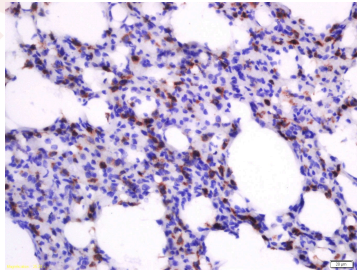
1. Tissue/cell: rat lung tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-Heme Oxygenase 1 Polyclonal Antibody, Unconjugated (TMAB-00875) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody and DAb staining.

2. Sample:

Verified Activity:

- Lane 1: HepG2 (Human) Cell Lysate at 30 µg
- Lane 2: A549 (Human) Cell Lysate at 30 µg
- Lane 3: DU145 (Human) Cell Lysate at 30 µg
- Lane 4: H9C2 (Rat) Cell Lysate at 30 µg
- Lane 5: 293T (Human) Cell Lysate at 30 µg

Primary: Anti-Heme Oxygenase 1 (TMAB-00875) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 32 kDa
Observed band size: 35 kDa



Application: IF,IHC-Fr,IHC-P,WB

Recommended WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

A DRUG SCREENING EXPERT

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human HO-1

Antigen Species: Human

Gene ID: 3162

Uniprot ID: P09601

Synonyms: HMOX1;HO;HO-1;Heme oxygenase 1;HO1

Biology Area: Response to hypoxia,Inflammatory mediators,Platelets,Endothelium,NFkB pathway,Hypoxia, Cancer,Heart disease,Neurodegenerative disease,Alzheimer's disease,NFkB Pathway

Research Background

The hemeoxygenase-1 calls that the hemoglobin oxidizes to synthesize the enzyme again-1(hemeoxygenase-1, HO-1) is the catalyst enzyme that a kind of hemoglobin declines the solution, under the NADPH and the cell dye P-450 revivification enzymes and the member oxygen functions, the catalyst HO-1 hemoglobin declines the solution as the courage green vegetable, CO and irons, the former revivification has the very strong anti- to oxidize the ability after become the red vegetable of courage , the latter is a kind of important letter to make the member.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481