

## Anti-Hmox1 antibody (1-266) (STJ11105174)

### GENERAL INFORMATION

|               |                       |
|---------------|-----------------------|
| Product Type  | Primary antibodies    |
| Applications  | WB/IHC-P/IF/ICC/ELISA |
| Host / Source | Rabbit                |
| Reactivity    | Mouse/Rat             |

### PRODUCT PROPERTIES

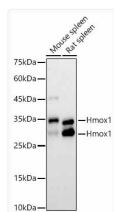
|                     |                                                                                                                                                                                                 |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clonality           | Polyclonal                                                                                                                                                                                      |
| Concentration       | Lot specific                                                                                                                                                                                    |
| Conjugation         | Unconjugated                                                                                                                                                                                    |
| Purification        | Affinity purification                                                                                                                                                                           |
| Dilution Range      | WB:1:500-1:1000<br>IHC-P:1:50-1:200<br>IF/ICC:1:50-1:200<br>ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements. |
| Formulation         | PBS with 0.09% Sodium Azide, 50% Glycerol, pH7.3.                                                                                                                                               |
| Isotype             | IgG                                                                                                                                                                                             |
| Molecular Weight    | Protein Mw: 32KDa<br>Observed Mw: 28-33kDa                                                                                                                                                      |
| Storage Instruction | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                                                                                  |

### TARGET INFORMATION

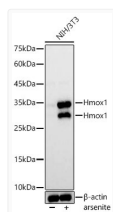
|                    |                                                                                                                                                                                                                                                                     |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID            | <a href="#">15368</a>                                                                                                                                                                                                                                               |
| Gene Symbol        | <a href="#">Hmox1</a>                                                                                                                                                                                                                                               |
| UniProt ID         | <a href="#">HMOX1_MOUSE</a>                                                                                                                                                                                                                                         |
| Immunogen Region   | 1-266                                                                                                                                                                                                                                                               |
| Immunogen Sequence | ERPQPD SMPQDLSEALKEAT KEVHIQAENAEFMKNFQKGQ VSREGFKLV MASLYHIYTAL<br>EEEIERNKQNPVYAPLYFPE ELHRRAALEQDMAFWYGPHW QEIPCTPATQHYVKRLHEV<br>GRTHPELLVAHAYTRYLGDL SGGQVLKKIAQKAMALPSSG EGLAFFTFPNIDSPTKFKQL<br>YRARMNTLEMTPEVKHRVTE EAKTAFLNIELFEELQVML TEEHKDQSPSQMASLRQRP |
| Specificity        | Recombinant Protein corresponding to a sequence within amino acids 1-266 of mouse Hmox1 (NP_034572.1).                                                                                                                                                              |

### ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of various lysates using Hmox1 Rabbit polyclonal antibody (STJ11105174) at 1:1000 dilution. Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/ proteins: 25 Mu g per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection:ECL Basic Kit. Exposuretime: 30s.



Western blot analysis of lysates from NIH/3T3 cells using Hmox1 Rabbit polyclonal antibody (STJ11105174) at 1:1000 dilution. NIH/3T3 cells were treated by arsenite (50 Mu M) at 37 °C for 8 hours. Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection:ECL Basic Kit. Exposuretime: 1s.