

CAB11919

Product Information

|              |          |               |        |             |             |
|--------------|----------|---------------|--------|-------------|-------------|
| Product SKU: | CAB11919 | Gene ID:      | 3162   | Size:       | 20uL, 100uL |
| Clone No:    | -        | Host Species: | Rabbit | Reactivity: | Mouse,Rat   |

Additional Information

|                |       |            |              |
|----------------|-------|------------|--------------|
| Observed MW:   | 30kDa | Conjugate: | Unconjugated |
| Calculated MW: | 33kDa | Isotype:   | IgG          |

Immunogen Information

**Background:** Heme oxygenase, an essential enzyme in heme catabolism, cleaves heme to form biliverdin, which is subsequently converted to bilirubin by biliverdin reductase, and carbon monoxide, a putative neurotransmitter. Heme oxygenase activity is induced by its substrate heme and by various nonheme substances. Heme oxygenase occurs as 2 isozymes, an inducible heme oxygenase-1 and a constitutive heme oxygenase-2. HMOX1 and HMOX2 belong to the heme oxygenase family.

|                       |   |
|-----------------------|---|
| Recommended Dilution: | WB,1:500 - 1:2000   |
| Synonyms:             | HO-1; HSP32; HMOX1D; bK286B10; Heme Oxygenase 1 (HO-1/HMOX1)  |
| Purification Method:  | Affinity purification   |
| Immunogen:            | Recombinant fusion protein containing a sequence corresponding to amino acids 1-288 of human Heme Oxygenase 1 (HO-1/HMOX1) (NP_002124.1). |
| Storage:              | Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.  |