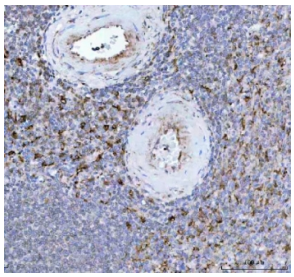
# Heme Oxygenase 1 Antibody [clone AEG-8] (RQ5278)

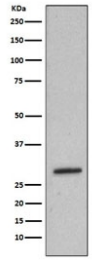
| Catalog No. | Formulation | Size |
|---|---|---|
| RQ5278 | Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA | 100 ul |

**Bulk quote request**

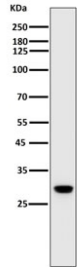
| | |
|---|---|
| **Availability** | 1-2 weeks |
| **Species Reactivity** | Human, Mouse |
| **Format** | Purified |
| **Host** | Rabbit |
| **Clonality** | Rabbit Monoclonal |
| **Isotype** | Rabbit IgG |
| **Clone Name** | AEG-8 |
| **Purity** | Affinity purified |
| **UniProt** | P09601 |
| **Localization** | Cytoplasm |
| **Applications** | Western blot: 1:500-1:2000<br>Immunohistochemistry (FFPE): 1:50-1:200 |
| **Limitations** | This Heme Oxygenase 1 antibody is available for research use only. |



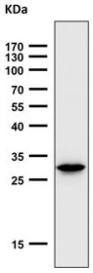
IHC staining of FFPE human spleen tissue with Heme Oxygenase 1 antibody. HIER: boil tissue sections in pH8 EDTA buffer for 10-20 min and allow to cool before testing.



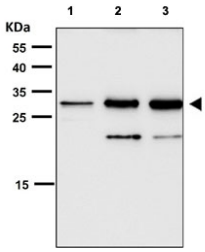

Western blot testing of mouse spleen lysate with Heme Oxygenase 1 antibody. Predicted molecular weight ~32 kDa.




Western blot testing of mouse spleen lysate with Heme Oxygenase 1 antibody. Predicted molecular weight ~32 kDa.




Western blot testing of mouse spleen lysate with Heme Oxygenase 1 antibody. Predicted molecular weight ~32 kDa.




Western blot testing of human 1) HeLa, 2) 293 and 3) MCF7 cell lysate with Heme Oxygenase 1 antibody. Predicted molecular weight ~32 kDa.

## Description

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. [RefSeq]

## Application Notes

Optimal dilution of the Heme Oxygenase 1 antibody should be determined by the researcher.

## Immunogen

A synthetic peptide specific to human Heme Oxygenase 1 / HMOX1 was used as the immunogen for the Heme Oxygenase 1 antibody.

## Storage

Store the Heme Oxygenase 1 antibody at -20oC.

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