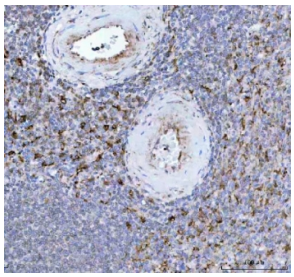
Heme Oxygenase 1 Antibody [clone AEG-8] (RQ5278)

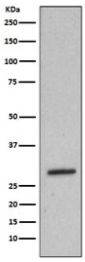
Catalog No.	Formulation	Size
RQ5278	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

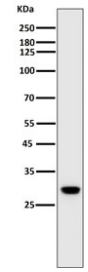
Availability	1-2 weeks
Species Reactivity	Human, Mouse
Format	Purified
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	AEG-8
Purity	Affinity purified
UniProt	P09601
Localization	Cytoplasm
Applications	Western Blot : 1:500-1:2000 Immunohistochemistry (FFPE) : 1:50-1:200
Limitations	This Heme 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.



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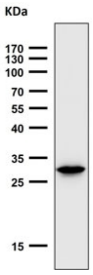

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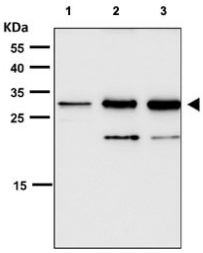

Western blot testing of human 1) HeLa, 2) 293 and 3) MCF7 cell lysate with Heme Oxygenase 1 antibody. Predicted molecular weight ~32 kDa.

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.