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Rabbit Anti-Hemopexin antibody

SL6053R

Product Name	Hemopexin
Chinese Name	glycoproteinβ-1B 抗体
Alias	Beta 1B glycoprotein; Beta-1B-glycoprotein; FLJ56652; HEMO; HEMO_HUMAN; Hemopexin; HPX; HX.
Research Area	Signal transduction Cytoskeleton Extracellular matrix
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted: Human, Mouse,)
Applications	ELISA=1:5000-10000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	49kDa
Cellular localization	Secretory protein
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human Hemopexin: 301-400/462
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed
Product Detail	Binds heme and transports it to the liver for breakdown and iron recovery, after which the free hemopexin returns to the circulation.

Function:
Binds heme and transports it to the liver for breakdown and iron recovery, after which the free hemopexin returns to the circulation.

Subunit:
Interacts with HEV ORF3 protein. Interacts with FLVCR1.

Subcellular Location:
Secreted.

Tissue Specificity:
Expressed by the liver and secreted in plasma.

Post-translational modifications:
N- and O-glycosylated. O-glycosylated with core 1 or possibly core 8 glycans. O-glycosylation in the 30-40 region is minor compared to glycosylation at Thr-24 and Thr-29.

Similarity:
Belongs to the hemopexin family.
Contains 5 hemopexin-like domains.

SWISS:
P02790

Gene ID:
3263

Database links:

Entrez Gene: 3263 Human

Entrez Gene: 15458 Mouse

Omim: 142290 Human

SwissProt: P02790 Human

SwissProt: Q91X72 Mouse

Unigene: 426485 Human

Unigene: 3485 Mouse