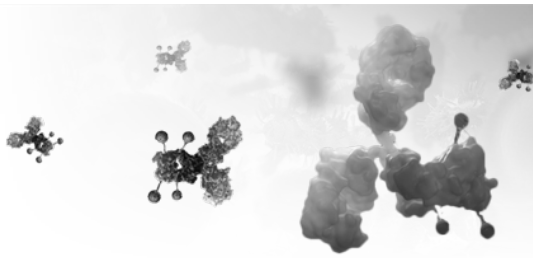

Human HMOX2 blocking peptide (CDBP1491)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-HMOX2 antibody
Antigen 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. 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. Several alternatively spliced transcript variants encoding three different isoforms have been found for this gene. [provided by RefSeq, Oct 2013]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	HMOX2 heme oxygenase (decycling) 2 [Homo sapiens]
Official Symbol	HMOX2
Synonyms	HMOX2; heme oxygenase (decycling) 2; heme oxygenase 2; HO 2; HO-2;

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Entrez Gene ID	3163
mRNA Refseq	NM_001127204
Protein Refseq	NP_001120676
UniProt ID	P30519
Chromosome Location	16p13.3
Pathway	Heme degradation, organism-specific biosystem; Iron uptake and transport, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of porphyrins, organism-specific biosystem; Mineral absorption, organism-specific biosystem; Mineral absorption, conserved biosystem; Porphyrin and chlorophyll metabolism, organism-specific biosystem;
Function	electron carrier activity; heme oxygenase (decyclizing) activity; metal ion binding; oxidoreductase activity; protein binding;

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