MaxPab®

HMOX2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00003163-B01P Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human HMOX2 protein.
Immunogen	HMOX2 (ACE87144.1, 1 a.a. ~ 316 a.a) full-length human protein.
Sequence	MSAEVETSEGVDESEKKNSGALEKENQMRMADLSELLKEGTKEAHDRAENTQFVKDFLKGNIK KELFKLATTALYFTYSALEEEMERNKDHPAFAPLYFPMELHRKEALTKDMEYFFGENWEEQVQC PKAAQKYVERIHYIGQNEPELLVAHAYTRYMGDLSGGQVLKKVAQRALKLPSTGEGTQFYLFENV DNAQQFKQLYRARMNALDLNMKTKERIVEEANKAFEYNMQIFNELDQAGSTLARETLEDGFPVHD GKGDMRKCPFYAAEQDKGALEGSSCPFRTAMAVLRKPSLQFILAAGVALAAGLLAWYYM
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (89); Rat (90)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

Gene Info — HMOX2

Entrez GeneID	3163

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GeneBank Accession#	EU831457.1
Protein Accession#	ACE87144.1
Gene Name	HMOX2
Gene Alias	HO-2
Gene Description	heme oxygenase (decycling) 2
Omim ID	141251
Gene Ontology	Hyperlink
Gene Summary	Heme oxygenase, an essential enzyme in heme catabolism, cleaves heme to form biliverdin, whic h is subsequently converted to bilirubin by biliverdin reductase, and carbon monoxide, a putative n eurotransmitter. Heme oxygenase activity is induced by its substrate heme and by various nonhe me substances. Heme oxygenase occurs as 2 isozymes, an inducible heme oxygenase-1 and a c onstitutive heme oxygenase-2. HMOX1 and HMOX2 belong to the heme oxygenase family. Altern ative splice variants encoding the same protein have been identified at this locus. [provided by Re fSeq
Other Designations	heme oxygenase (decyclizing) 2

Pathway

- Porphyrin and chlorophyll metabolism

Disease

- Alzheimer disease
- Cognition
- Coronary Artery Disease
- Genetic Predisposition to Disease
- Hypertension

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