

For Research Use Only

HAAO Recombinant monoclonal antibody, PBS Only

Catalog Number: 86673-1-PBS



Basic Information

Catalog Number: 86673-1-PBS	GenBank Accession Number: BC029510	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 23498	CloneNo.: 251701F11
Source: Rabbit	UNIPROT ID: P46952	
Isotype: IgG	Full Name: 3-hydroxyanthranilate 3,4-dioxygenase	
Immunogen Catalog Number: AG3511	Calculated MW: 286 aa, 33 kDa	
	Observed MW: 33 kDa	

Applications

Tested Applications:
WB, IF/ICC, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

HAAO is also known by several synonyms, including 3-HAO (3-hydroxyanthranilate oxygenase), HAO (3-hydroxyanthranilic acid dioxygenase), h3HAO and HAD. HAAO is widely distributed in peripheral organs, with particularly high expression in the liver and kidney. Strong positivity has been observed in the cytoplasm of hepatocytes and renal tubules, as well as in cilia of respiratory epithelium and fallopian tube epithelium. Moderate staining is detected in the small intestine and subsets of lymphoid cells.

Storage

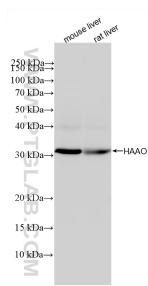
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

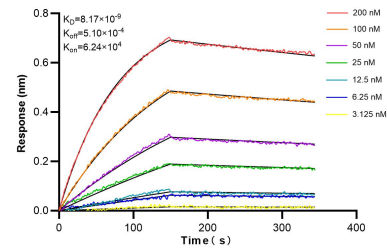
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86673-1-RR (HAAO antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86673-1-PBS in a different storage buffer formulation.

Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using HAAO antibody (86673-1-RR, Clone: 251701F11) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 86673-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 86673-1-RR against Human HAAO were performed. The affinity constant is 8.17 nM.