

For Research Use Only

HAAO Recombinant monoclonal antibody

Catalog Number: 86673-1-RR



Basic Information

Catalog Number:

86673-1-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3511

GenBank Accession Number:

BC029510

GeneID (NCBI):

23498

UNIPROT ID:

P46952

Full Name:

3-hydroxyanthranilate 3,4-dioxygenase

Calculated MW:

286 aa, 33 kDa

Observed MW:

33 kDa

Purification Method:

Protein A purification

CloneNo.:

251701F11

Recommended Dilutions:

WB: 1:5000-1:50000

IF/ICC: 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse liver tissue, rat liver tissue

IF/ICC : HepG2 cells,

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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

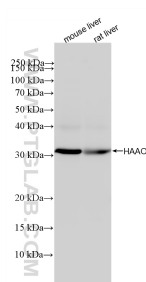
T: 4006900926

E: Proteintech-CN@ptglab.com

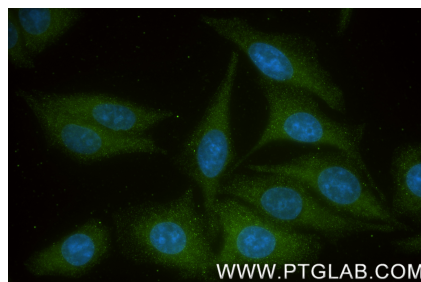
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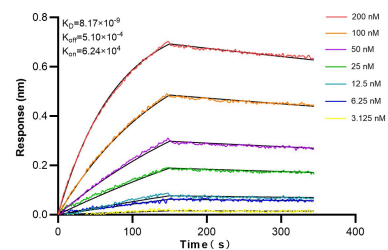
Selected Validation Data



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.



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).



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