

HAGH Antibody

Hydroxyacylglutathione hydrolase, Glyoxalase II, GLX II

CATALOG NO.: XW-7892

BACKGROUND:

FUNCTION: Thioesterase that catalyzes the hydrolysis of S-D-lactoyl-glutathione to form glutathione and D-lactic acid.

CATALYTIC ACTIVITY: S-(2-hydroxyacyl)glutathione + H₂O = glutathione + a 2-hydroxy carboxylate. **SUBUNIT:**

Monomer. **SIMILARITY:** Belongs to the glyoxalase II family.

COFACTOR: Binds 2 zinc ions per subunit. **PATHWAY:** Glyoxal pathway

TESTED APPLICATION:

WB

SPECIES REACTIVITY:

H,M,R

CLONALITY:

Polyclonal

HOST:

Chicken

IMMUNOGEN:

110-260

PROTEIN GI #:

4885389

PROTEIN ACCESSION #:

NP_005317.1

PURIFICATION:

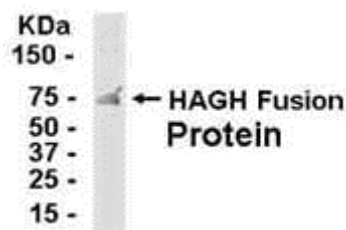
Immunoaffinity Purified

BUFFER:

Phosphate-Buffered Saline. No preservatives added.

APPLICATION:

Hydroxyacylglutathione hydrolase IgY antibody can be used for the detection of Hydroxyacylglutathione hydrolase by Western Blot.



E coli-derived fusion protein as test antigen. Affinity-purified IgY dilution: 1:2000, Goat anti-IgY-HRP dilution: 1:1000. Colorimetric method for signal development.

STORAGE:

This antibody can be stored at 4°C for short term (weeks). Long term storage should be at -20°C. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

USER NOTES:

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.