

AP43529PU-N**Polyclonal Antibody to AGXT2L2 - Aff - Purified****Alternate names:**

Alanine-glyoxylate aminotransferase 2-like 2, PP9286

Quantity:

50 µg

Background:

This enzyme catalyzes the pyridoxal-phosphate-dependent breakdown of 5-phosphohydroxy-L-lysine, converting it to ammonia, inorganic phosphate and 2-aminoadipate semialdehyde. It is a homotetramer of 50 kDa units and belongs to the class-III pyridoxal-phosphate-dependent aminotransferase family.

Uniprot ID:[Q8IUZ5](#)**NCBI:**[NP_699204](#)**GeneID:**[85007](#)**Host:**

Rabbit

Immunogen:

Synthetic peptide directed towards the N terminal of human AGXT2L2

AA Sequence:

QNQVLNTNSRYLHDNIVDYAQRSETLPEQLCVFYFLNSGSEANDLALRL

Format:**State:** Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.**Purification:** Purified using peptide immunoaffinity column**Applications:**

Western blotting (0.2 - 1.0 µg/ml)

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Species Reactivity:**Tested:** Human**Expected from sequence similarity:** Mouse, Rat, Bovine, Rabbit**Storage:**

Store undiluted at 2-8°C for one month or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

"Molecular identification of hydroxylysine kinase and of ammoniophospholyases acting on 5-phosphohydroxy-L-lysine and phosphoethanolamine." Veiga-da-Cunha M., Hadi F., Balligand T., Stroobant V., Van Schaftingen E. J. Biol. Chem. 287:7246-7255(2012)

Pictures:

WB Suggested Anti-AGXT2L2 Antibody
Titration: 0.2-1 µg/ml; ELISA Titer: 1:
312500; Positive Control: Human Liver

