

Rabbit AGXT2L2 Polyclonal Antibody | anti-AGXT2L2 antibody

AGXT2L2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324429	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

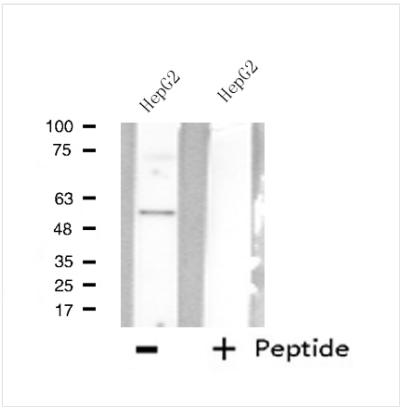
PRODUCT SYNONYMS

AGXT2L2; Polyclonal Antibody; AGXT2L2 Antibody; 2900006B13Rik; 5-phosphohydroxy-L-lysine phospho-lyase; Alanine glyoxylate aminotransferase 2 like 2; MGC117348; MGC15875; MGC45484; OTTMUSP00000005767; PHLU; PP9286; RP23-79E13.3; anti-AGXT2L2 antibody

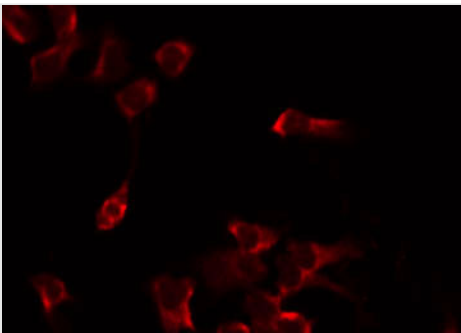
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	AGXT2L2 antibody detects endogenous levels of total AGXT2L2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	409
Applicable Applications for anti-AGXT2L2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Mitochondrion
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (91%), Bovine (91%), Horse (91%), Sheep (91%), Rabbit (91%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from HepG2 cells using AGXT2L2 antibody.



IF (Immunofluorescence)
AAA324429 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-AGXT2L2 antibody	Function: Catalyzes the pyridoxal-phosphate-dependent breakdown of 5-phosphohydroxy-L-lysine, converting it to ammonia, inorganic phosphate and 2-aminoadipate semialdehyde. Subunit Structure: Homotetramer. Similarity: Belongs to the class-III pyridoxal-phosphate-dependent aminotransferase family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	507588255
NCBI GeneID	85007
NCBI Accession #	NP_001265275.1
NCBI GenBank Nucleotide #	NM_001278346.1
UniProt Accession #	Q8IUZ5; Q8WYS6; Q96HW8; A8K7P6; B3KN36; D3DWP9
Molecular Weight	Observed: 50 kD Predicted: 50 kDa
NCBI Official Full Name	5-phosphohydroxy-L-lysine phospho-lyase isoform 3
NCBI Official Synonym Full Names	5-phosphohydroxy-L-lysine phospho-lyase
NCBI Official Symbol	PHYKPL
NCBI Official Synonym Symbols	PHLU; AGXT2L2
NCBI Protein Information	5-phosphohydroxy-L-lysine phospho-lyase
UniProt Protein Name	5-phosphohydroxy-L-lysine phospho-lyase
UniProt Gene Name	PHYKPL
UniProt Synonym Gene Names	AGXT2L2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.