10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-AGXT2L2 Antibody

Catalog # AP53917

Product Information

Application	WB, IHC
Primary Accession	Q8IUZ5
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	49711

Additional Information

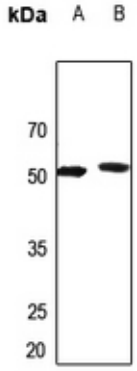
Gene ID	85007
Other Names	AGXT2L2; 5-phosphohydroxy-L-lysine phospho-lyase; Alanine--glyoxylate aminotransferase 2-like 2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human AGXT2L2. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000 IHC~~1/50 - 1/200
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

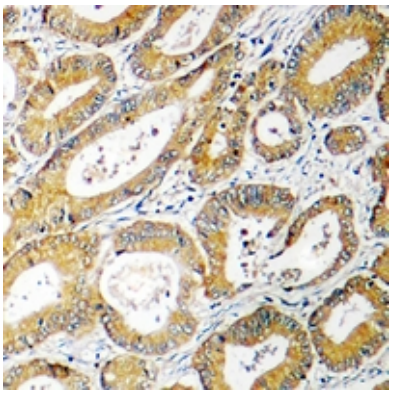
Name	PHYKPL
Synonyms	AGXT2L2 {ECO:0000303|PubMed:22241472}
Function	Catalyzes the pyridoxal-phosphate-dependent breakdown of 5-phosphohydroxy-L-lysine, converting it to ammonia, inorganic phosphate and 2-aminoadipate semialdehyde.
Cellular Location	Mitochondrion.

Images

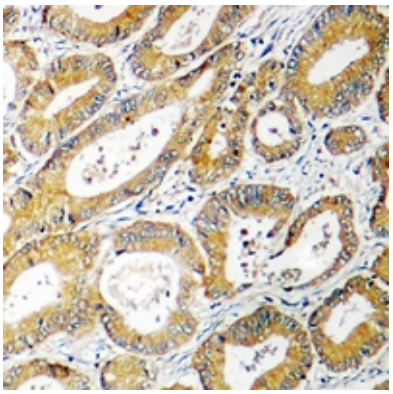
Western blot analysis of AGXT2L2 expression in mouse kidney (A), rat kidney (B) whole cell lysates. (Predicted



band size: 49 kD; Observed band size: 50 kD)



Immunohistochemical analysis of AGXT2L2 staining in human colon cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunohistochemical analysis of AGXT2L2 staining in human colon cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.