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ACP2 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI12545

Product Information

Application	WB, IHC
Primary Accession	P11117
Other Accession	NM_001610, NP_001601
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48344

Additional Information

Gene ID	53
Other Names	Lysosomal acid phosphatase, LAP, 3.1.3.2, ACP2
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-ACP2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	ACP2 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

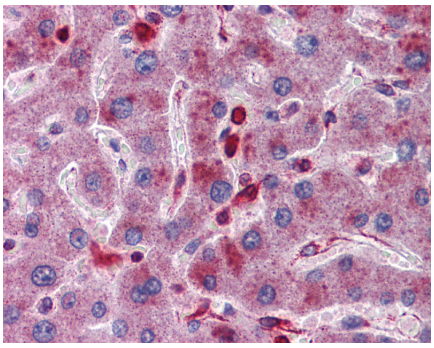
Protein Information

Name	ACP2
Function	Lysosomal acid phosphatase that catalyzes the hydrolysis of orthophosphoric monoesters to alcohols and phosphate under acidic conditions (Probable) (PubMed:6090300). May contribute to the removal of mannose-6-phosphate (Man6P) from lysosomal proteins after their delivery to lysosomes, acting in concert with ACP5 (By similarity).
Cellular Location	Lysosome membrane; Single-pass membrane protein; Lumenal side. Lysosome lumen Note=The soluble form arises by proteolytic processing of the membrane- bound form.

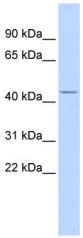
References

Melquist,S.,(2007)Am.J.Hum.Genet.80(4),769-778ReconstitutionandStorage:Forshorttermuse,storeat2-8Cupto1week.Forlongtermstorage,storeat-20Cinsmallaliquotstopreventfreeze-thawcycles.

Images



Liver



WB Suggested Anti-ACP2 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:62500
Positive Control: Human brain

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.