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GOT1L1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11799b

Product Information

Application	WB, IHC-P, IF, E
Primary Accession	Q8NHS2
Other Accession	NP_689626.2
Reactivity	Human, Mouse
Predicted	Bovine, Canine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB29315
Calculated MW	47305
Antigen Region	346-375

Additional Information

Gene ID	137362
Other Names	Putative aspartate aminotransferase, cytoplasmic 2, 261-, Glutamate oxaloacetate transaminase 1-like protein 1, Transaminase A-like protein 1, GOT1L1
Target/Specificity	This GOT1L1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 346-375 amino acids from the C-terminal region of human GOT1L1.
Dilution	WB~~1:1000 IHC-P~~1:100~500 IF~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	GOT1L1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

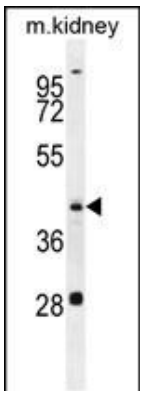
Name	GOT1L1 (HGNC:28487)

Function	Catalyzes the conversion of L-aspartate and 2-oxoglutarate to L-glutamate and oxaloacetate (PubMed:25287256). It has been proposed to exhibit aspartate racemase activity, but this function remains debated and lacks strong experimental support (PubMed:25287256).
Cellular Location	Cytoplasm.

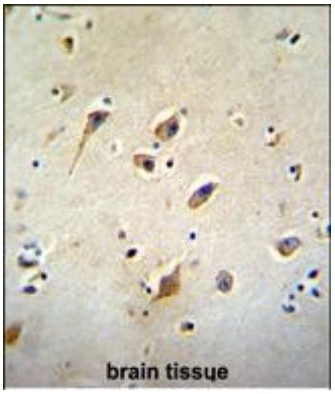
References

Chern, C.J. Cytogenet. Cell Genet. 17(6):338-342(1976)

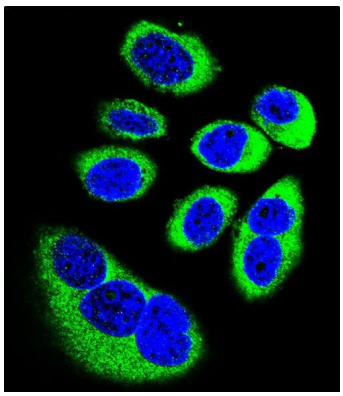
Images



GOT1L1 Antibody (C-term) (Cat. #AP11799b) western blot analysis in mouse kidney tissue lysates (35ug/lane).This demonstrates the GOT1L1 antibody detected the GOT1L1 protein (arrow).



GOT1L1 Antibody (C-term) (Cat. #AP11799b)immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of GOT1L1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Confocal immunofluorescent analysis of GOT1L1 Antibody (C-term)(Cat#AP11799b) with U-251MG cell followed by Alexa Fluor 488-conjugated goat anti-rabbit lgG (green). DAPI was used to stain the cell nuclear (blue).

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