Aspartate aminotransferase, mitochondrial Polyclonal Antibody

Catalog No: #42384

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

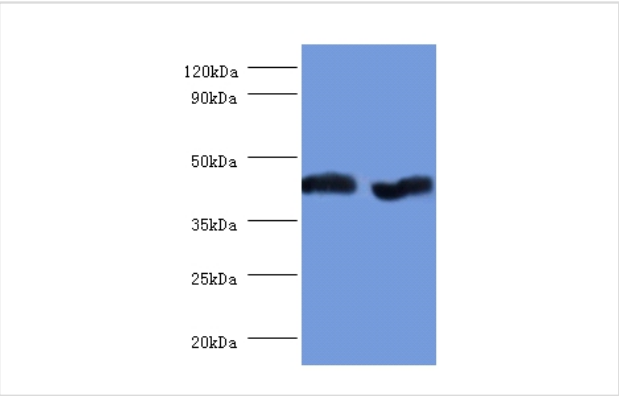
Product Name	Aspartate aminotransferase, mitochondrial Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Aspartate aminotransferase, mitochondrial polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Aspartate aminotransferase, mitochondrial protein
Target Name	Aspartate aminotransferase, mitochondrial
Other Names	GOT2, Fatty acid-binding protein, FABP-1, Glutamate oxaloacetate transaminase 2, Plasma membrane-associated fatty acid-binding protein, FABPpm, Transaminase A
Accession No.	Swiss-Prot#: P00505
Uniprot	P00505
GeneID	2806;
Calculated MW	47kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

Application Details

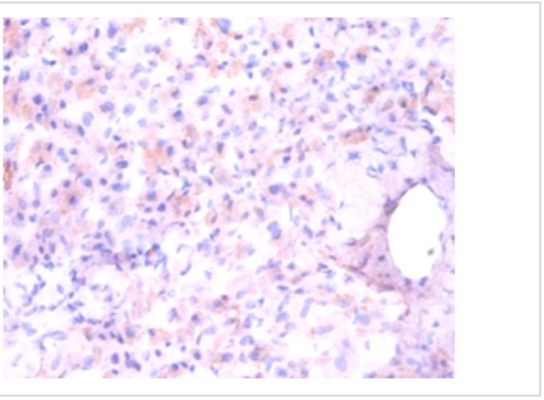
Western blotting: 1:500 - 1:1000

Immunohistochemistry: 1:20 - 1:200

Images



All lanes : Aspartate aminotransferase, mitochondrial antibody at 2ug/ml
Lane 1 : EC109whole cell lysate
Lane 2 : 293T whole cell lysate
Secondary
Goat polyclonal to Rabbit IgG at 1/15000 dilution
Predicted band size : 47 kDa
Observed band size : 47kDa



Immunohistochemical analysis of paraffin-emdedded human liver using #42384 at dilution of 1:100.

Background

Plays a key role in amino acid metabolism. Important for metabolite exchange between mitochondria and cytosol. Facilitates cellular uptake of long-chain free fatty acids.

References

[1] "Nucleotide sequence and tissue distribution of the human mitochondrial aspartate aminotransferase mRNA."Pol S., Bousquet-Lemercier B., Pave-Preux M., Pawlak A., Nalpas B., Berthelot P., Hanoune J., Barouki R.Biochem. Biophys. Res. Commun.

Note: This product is for in vitro research use only