

anti-Adenylosuccinatelyase antibody

Product Information

Catalog No.:	FNab00161
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

ADSL(adenylosuccinatelyase) is also named as AMPS, ASase, ASL and belongs to the lyase 1 family. It is an enzyme involved in 2 pathways of purine nucleotide metabolism and catalyzes cleavage of succinyl groups to yield fumarate(PMID:18524658). Defects in ADSL are the cause of adenylosuccinasedeficiency(ADSL deficiency). In humans, mutations in ADSL lead to an inborn error of metabolism originally characterized by developmental delay, often with autistic features(PMID:20884265)..The ADSL enzymatic activity is reduced in lymphocytes and red blood cells of the patient with severe psychomotor retardation(PMID:9545543). It has 2 isoforms produced by alternative splicing.

Immunogen information

Immunogen:	adenylosuccinatelyase
Synonyms:	Adenylosuccinase, adenylosuccinatelyase, ADSL, AMPS, ASASE, ASL
Observed MW:	55 kDa
UniprotID :	P30566

Application

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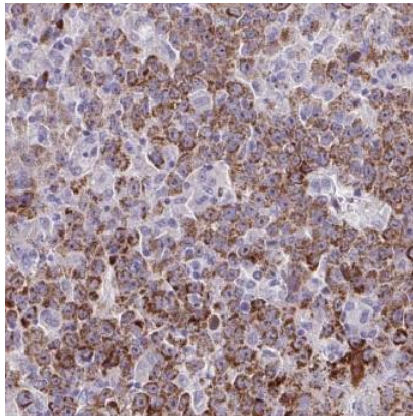
Fax: (0086)027-87800889 www.fn-test.com

Reactivity: Human, Mouse, Rat

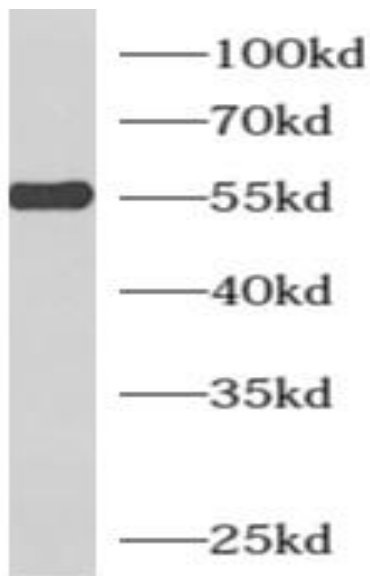
Tested Application: ELISA, WB, IHC, IF, FC

Recommended dilution: WB: 1:500-1:5000; IHC: 1:20-1:200; IF: 1:10-1:100

Image:



Immunohistochemistry of paraffin-embedded human liver cancer using FNab00161(ADSL antibody) at dilution of 1:50



HeLa cells were subjected to SDS PAGE followed by western blot with FNab00161(ADSL antibody) at dilution of 1:400

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