

anti- OAS1 antibody

Product Information

Catalog No.:	FNab10795
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

Interferon-induced, dsRNA-activated antiviral enzyme which plays a critical role in cellular innate antiviral response. In addition, it may also play a role in other cellular processes such as apoptosis, cell growth, differentiation and gene regulation. Synthesizes higher oligomers of 2'-5'-oligoadenylates(2-5A) from ATP which then bind to the inactive monomeric form of ribonuclease L(RNase L) leading to its dimerization and subsequent activation. Activation of RNase L leads to degradation of cellular as well as viral RNA, resulting in the inhibition of protein synthesis, thus terminating viral replication. Can mediate the antiviral effect via the classical RNase L-dependent pathway or an alternative antiviral pathway independent of RNase L. The secreted form displays antiviral effect against vesicular stomatitis virus(VSV), herpes simplex virus type 2(HSV-2), and encephalomyocarditis virus(EMCV) and stimulates the alternative antiviral pathway independent of RNase L.

Immunogen information

Immunogen:	2',5'-oligoadenylate synthetase 1, 40/46kDa
Synonyms:	OIAS
Observed MW:	48 kDa
Uniprot ID :	P00973

Wuhan Fine Biotech Co., Ltd.

B9 Bld, High-Tech Medical Devices Park, No. 818 Gaoxin Ave. East Lake High-Tech Development Zone. Wuhan, Hubei, China(430206)

Tel : (0086)027-87384275

Fax: (0086)027-87800889

www.fn-test.com

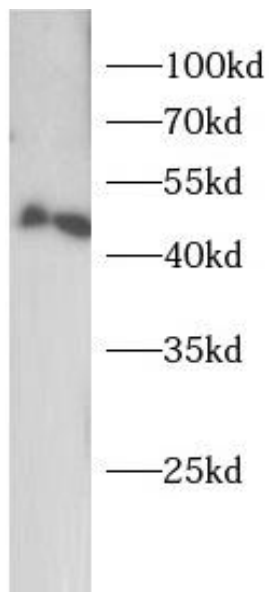
Application

Reactivity: Human, Rat

Tested Application: ELISA, WB

Recommended dilution: WB: 1:500-1:2000

Image:



rat liver were subjected to SDS PAGE followed by western blot with FNab10795(OAS1 antibody) at dilution of 1:1000