

anti- OAS2 antibody

Product Information

Catalog No.:	FNab05951
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.

Immunogen information

Immunogen:	2'-5'-oligoadenylate synthetase 2, 69/71kDa
Synonyms:	None
Observed MW:	66-71kd
UniprotID :	P29728

Application

1

Wuhan Fine Biotech Co., Ltd.

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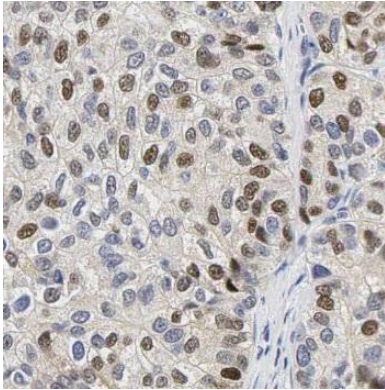
Fax: (0086)027-87800889 www.fn-test.com

Reactivity: Human, Mouse

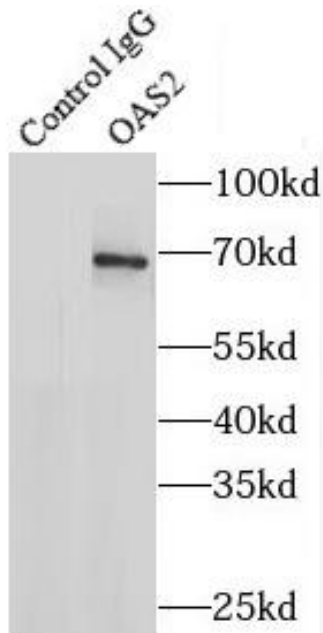
Tested Application: ELISA, WB, IHC, IF, IP

Recommended dilution: WB: 1:500-1:2000; IP: 1:200-1:1000; IHC: 1:20-1:200; IF: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human breast cancer using FNab05951(OAS2 antibody) at dilution of 1:50



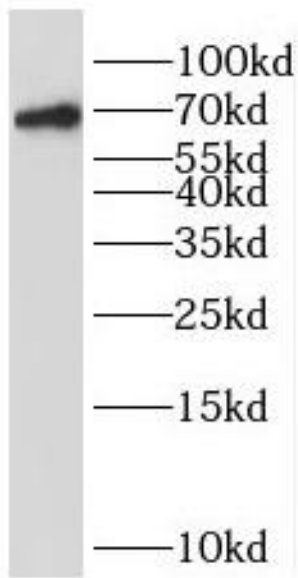
IP Result of anti-OAS2 (IP:FNab05951, 4ug;
Detection:FNab05951 1:500) with Jurkat cells
lysate 3600ug.

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Jurkat cells were subjected to SDS PAGE followed by western blot with FNab05951(OAS2 antibody) at dilution of 1:500