

Allgemeine Informationen

Katalog-Nr.: 14214-1-AP	GenBank-Zugangsnummer: BC049215	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 133 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 4939	Empfohlene Verdünnungen: WB 1:500-1:1000
Wirt: Kaninchen	Vollständiger Name: 2'-5'-oligoadenylate synthetase 2, 69/71kDa	
Isotyp: IgG	Berechnete Masse: 82 kDa	
Immunogen Katalognummer: AG5436	Beobachtete Masse: 66-71 kDa	

Anwendungen

Geprüfte Anwendungen: WB,ELISA	Positivkontrollen: WB : Jurkat-Zellen,
Getestete Reaktivität: Human	

Hintergrundinformationen

The 2-prime,5-prime oligoadenylate synthetases (OASs), such as OAS2, are interferon-induced proteins characterized by their capacity to catalyze the synthesis of 2-prime,5-prime oligomers of adenosine (2-5As). OAS2 is also named as p69 OAS/p71 OAS. It has 3 isoforms(71/69/20 kDa) produced by alternative splicing. The OAS2 isozymes are 69-71 kDa and form dimers(PMID:17765707). Glycosylation is essential for its activity(PMID:9880569). Constitutive expression of the 69-kDa form of the OAS2 protein in human cells inhibited the replication of encephalomyocarditis virus (EMCV) but not that of VSV, Sendai virus, or reovirus(PMID:16501108). This antibody recognizes isoform p71 and isoform p69 of OAS2.

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

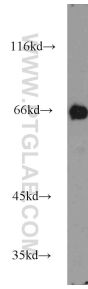
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Ausgewählte Validierungsdaten



Jurkat cells were subjected to SDS PAGE followed by western blot with 14214-1-AP (OAS2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.