

For Research Use Only

OAS2 Recombinant antibody

Catalog Number:82758-2-RR



Basic Information

Catalog Number: 82758-2-RR	GenBank Accession Number: BC049215	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 4939	CloneNo.: 242801F11
Source: Rabbit	UNIPROT ID: P29728	Recommended Dilutions: WB 1:1000-1:4000
Isotype: IgG	Full Name: 2'-5'-oligoadenylate synthetase 2, 69/71kDa	
Immunogen Catalog Number: AG6170	Calculated MW: 82 kDa	
	Observed MW: 66-71 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : IFN alpha treated A549 cells, Jurkat cells
Species Specificity: human	

Background Information

The 2-prime,5-prime oligoadenylate synthetases (OASs), such as OAS2, are IFN-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).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

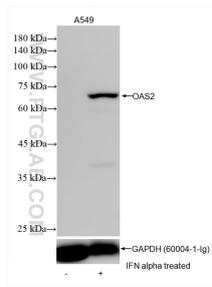
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



IFN alpha treated A549 cells were subjected to SDS PAGE followed by western blot with 82758-2-RR (OAS2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.