

For Research Use Only

# OAS2 Recombinant antibody, PBS Only

Catalog Number: 82758-2-PBS



## Basic Information

Catalog Number: 82758-2-PBS	GenBank Accession Number: BC049215	Purification Method: Protein A purification
Concentration: 1 mg/ml	GeneID (NCBI): 4939	CloneNo.: 242801F11
Source: Rabbit	UNIPROT ID: P29728	
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, Indirect ELISA

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 -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:  
PBS Only

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

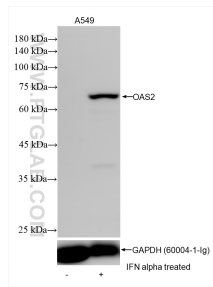
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.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. This data was developed using the same antibody clone with 82758-2-PBS in a different storage buffer formulation.