

For Research Use Only

OAS2 Recombinant antibody, PBS Only

Catalog Number: 82758-2-PBS



Basic Information

Catalog Number:

82758-2-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6170

GenBank Accession Number:

BC049215

GeneID (NCBI):

4939

UNIPROT ID:

P29728

Full Name:

2'-5'-oligoadenylate synthetase 2, 69/71kDa

Calculated MW:

82 kDa

Observed MW:

66-71 kDa

Purification Method:

Protein A purification

CloneNo.:

242801F11

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.

Storage Buffer:

PBS Only

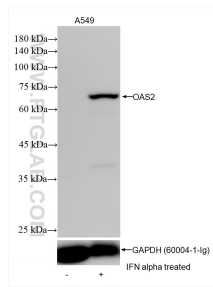
For technical support and original validation data for this product please contact:

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

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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.