

OAS2 Polyclonal Antibody

Catalog No: #49994

Package Size: #49994-1 50ul #49994-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

| | |
|-----------------------|---|
| Product Name | OAS2 Polyclonal Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Applications | WB,IHC |
| Species Reactivity | Human |
| Immunogen Type | Peptide |
| Immunogen Description | Synthesized peptide derived from the N-terminal region of human OAS2. |
| Other Names | OAS2; 2'-5'-oligoadenylate synthase 2; (2-5')oligo(A) synthase 2; 2-5A synthase 2; p69 OAS / p71 OAS; p69OAS / p71OAS |
| Accession No. | Gene ID: 4939Swiss Prot: P29728 |
| Calculated MW | 82kDa |
| Storage | Store at -20°C |

Application Details

WB Ω ?:500 - 1:2000IHC Ω ?:100 - 1:300

Background

This gene encodes a member of the 2-5A synthetase family, essential proteins involved in the innate immune response to viral infection. The encoded protein is induced by interferons and uses adenosine triphosphate in 2'-specific nucleotidyl transfer reactions to synthesize 2',5'-oligoadenylates (2-5As). These molecules activate latent RNase L, which results in viral RNA degradation and the inhibition of viral replication. The three known members of this gene family are located in a cluster on chromosome 12. Alternatively spliced transcript variants encoding different isoforms have been described.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.