

DNAXPAb

Hard-to-Find
Antibody

OAS2 DNAXPab

Catalog # H00004939-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human OAS2 DNA using DNAX™ Immune technology.

Technology [DNAX™ Immune](#)

Immunogen Full-length human DNA

Sequence MGNGESQLSSVPAQKLGWFIQEYLPYEECQTLIDEMVNTICDVLQEPEQFPLVQGVAIGGSYGR
KTVLRGNSDGTLVFFSDLKQFQDQKRSQRDILDKTGDKLKFLFTKWLKNNFEIQSLDGFTIQV
FTKNQRISFEVLAAFNALSLNDNPSWPWYRELKRS�DKTNASPGFAVCFTELQQKFDDNRPGKL
KDLILLIKHWHQQCQKKIKDLPSLSPYALELLTVYAWEQGCRKDNFDIAEGVRTVLELIKCEKLCIY
WMVNYNFEDETIRNILLHQLQSARPVILDPVDPTNNVSGDKICWQWLKKEAQTWLTSPNLDNELP
APSWNVLPAPLFTTPGHLLDKFIKEFLQPNKCFLEQIDSAVNIIRTFLKENCFRQSTAKIQIVRGGST
AKGTALKTGSDADLVVFHNSLSYTSQKNERHKMKIEHEQLKAFWREKEEELEVSFEPKWKAP
RVLSFSLKSKVLNESVSFDVLPFALGQLSSGSTPSPEVYAGLIDLYKSSDLPGGEFSTCFTVL
QRNFIRSPTKLDLIRLVKHWHYKECERKLKPKGSLPPKYALELLTIYAWEQGSGVPDFDTAEGFR
TVLELVTQYQQLCIFWKVNYNFEDETVRKFLLSQLQKTRPVILDPAEPTGDVGGGDRWCWHLLAK
EAKEWLSSPCFKDGTGNPIPPWKVPVKVI

Host Rabbit

Reactivity Human

Purification Protein A

Quality Control Testing Antibody reactive against mammalian transfected lysate.

Storage Buffer In 1x PBS, pH 7.4

Storage Instruction Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — OAS2

Entrez GeneID [4939](#)

GeneBank Accession# [NM_002535.2](#)

Protein Accession# [NP_002526.2](#)

Gene Name OAS2

Gene Alias MGC78578

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

Omim ID [603350](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 a deinosine 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. [provided by RefSeq]

Other Designations (2'-5')oligo(A) synthetase 2|2'-5'-oligoadenylate synthetase 2|2'-5'-oligoadenylate synthetase 2 (69-71 kD)|2'5' oligoadenylate synthetase 2|2-5A synthetase 2

Disease

- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis B](#)