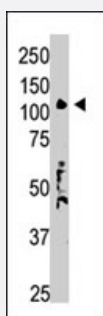


OAS3 polyclonal antibody

Catalog # PAB4812

Size 400 uL

Applications



Western Blot (Cell lysate)

The OAS3 polyclonal antibody (Cat # PAB4812) is used in Western blot to detect OAS3 in A-375 cell lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of OAS3.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human OAS3.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein G purification
Recommend Usage	ELISA (1:1000) Western Blot (1:100-500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

The OAS3 polyclonal antibody (Cat # PAB4812) is used in Western blot to detect OAS3 in A-375 cell lysate.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — OAS3

Entrez GeneID [4940](#)

Protein Accession# [Q9Y6K5](#)

Gene Name OAS3

Gene Alias MGC133260, p100

Gene Description 2'-5'-oligoadenylate synthetase 3, 100kDa

Omim ID [603351](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes an enzyme included in the 2', 5' oligoadenylate synthase family. This enzyme is induced by interferons and catalyzes the 2', 5' oligomers of adenosine in order to bind and activate RNase L. This enzyme family plays a significant role in the inhibition of cellular protein synthesis and viral infection resistance. [provided by RefSeq]

Other Designations 2'-5'-oligoadenylate synthetase 3 (100 kD)|2'-5'-oligoadenylate synthetase 3|2'-5'-oligoadenylate synthetase p100

Publication Reference

- [Molecular basis of T cell-mediated recognition of pancreatic cancer cells.](#)

Ito M, Shichijo S, Tsuda N, Ochi M, Harashima N, Saito N, Itoh K.

Cancer Research 2001 Mar; 61(5):2038.

- [Characterization of the gene encoding the 100-kDa form of human 2',5' oligoadenylate synthetase.](#)

Rebouillat D, Hovnanian A, David G, Hovanessian AG, Williams BR.

Genomics 2000 Dec; 70(2):232.

- [The 100-kDa 2',5'-oligoadenylate synthetase catalyzing preferentially the synthesis of dimeric pppA2'p5'A molecules is composed of three homologous domains.](#)

Rebouillat D, Hovnanian A, Marie I, Hovanessian AG.

The Journal of Biological Chemistry 1999 Jan; 274(3):1557.

Application: IF, WB-Tr, Human, HeLa cells

Disease

- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis B](#)
- [Multiple Sclerosis](#)
- [Ovarian Neoplasms](#)