

OSGIN1 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18064b

Specification

OSGIN1 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O9UJX0
Other Accession	NP_037502.3
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	51992
Antigen Region	483-510

OSGIN1 Antibody (C-term) - Additional Information

Gene ID 29948

Other Names

Oxidative stress-induced growth inhibitor 1, Ovary, kidney and liver protein 38, huOKL38, Pregnancy-induced growth inhibitor OKL38, OSGIN1, OKL38

Target/Specificity

This OSGIN1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 483-510 amino acids from the C-terminal region of human OSGIN1.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

OSGIN1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

OSGIN1 Antibody (C-term) - Protein Information

Name OSGIN1 ([HGNC:30093](#))

Function Monooxygenase catalytic activity (PubMed:[38442170](#)). Involved in regulation of cytokinesis; promotes RHOA activity, probably acting locally at the midbody in late cytokinesis (PubMed:[38442170](#)). Monooxygenase activity is involved in stabilizing transient structures between daughter cells, termed intercellular bridges, before abscission (PubMed:[38442170](#)). Regulates differentiation and proliferation through the regulation of cell death (PubMed:[11459809](#), PubMed:[14570898](#)).

Cellular Location

Midbody. Note=Localizes to the midbody in late cytokinesis

Tissue Location

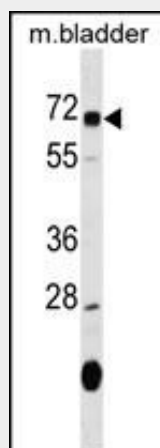
Ubiquitous. Highest expression in the ovary, testis, kidney, skeletal muscle and liver (PubMed:[11459809](#), PubMed:[14570898](#)).

OSGIN1 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

OSGIN1 Antibody (C-term) - Images



OSGIN1 Antibody (C-term) (Cat. #AP18064b) western blot analysis in mouse bladder tissue lysates (35ug/lane). This demonstrates the OSGIN1 antibody detected the OSGIN1 protein (arrow).

OSGIN1 Antibody (C-term) - Background

OSGIN1 regulates the differentiation and proliferation of normal cells through the regulation of cell death.

OSGIN1 Antibody (C-term) - References

Yoshida, T., et al. Int. J. Mol. Med. 25(4):649-656(2010)

Oguri, M., et al. Am. J. Hypertens. 23(1):70-77(2010)
Yao, H., et al. J. Biol. Chem. 283(29):20060-20068(2008)
Ong, C.K., et al. Oncogene 26(8):1155-1165(2007)
Wang, T., et al. J. Biol. Chem. 280(6):4374-4382(2005)