

OSGIN1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58301**Specification**

OSGIN1 Polyclonal Antibody - Product Information

| | |
|-------------------|------------------------|
| Application | WB, IHC-P |
| Primary Accession | O9UJX0 |
| Reactivity | Rat, Dog, Bovine |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 51992 |

OSGIN1 Polyclonal Antibody - Additional Information**Gene ID** 29948**Other Names**

Oxidative stress-induced growth inhibitor 1, Bone marrow stromal cell-derived growth inhibitor, BMSC-derived growth inhibitor, Ovary, kidney and liver protein 38, huOKL38, Pregnancy-induced growth inhibitor OKL38, OSGIN1 ([HGNC:30093](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=30093))

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

OSGIN1 Polyclonal Antibody - Protein Information**Name** OSGIN1 ([HGNC:30093](#))**Function**

Regulates the differentiation and proliferation through the regulation of cell death.

Tissue Location

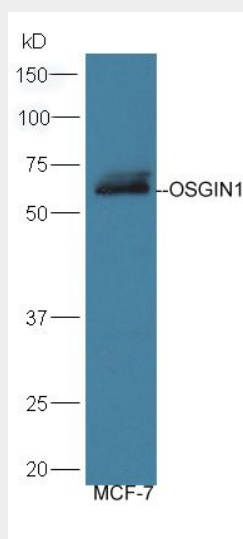
Ubiquitous. Highest expression in the ovary, testis, kidney, skeletal muscle and liver (PubMed:11459809, PubMed:14570898, PubMed:15569677). Weakly expressed in spleen, heart, kidney, and pancreas (PubMed:15569677). Highly expressed in tumor cells (at protein level) (PubMed:15569677).

OSGIN1 Polyclonal Antibody - 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 Polyclonal Antibody - Images



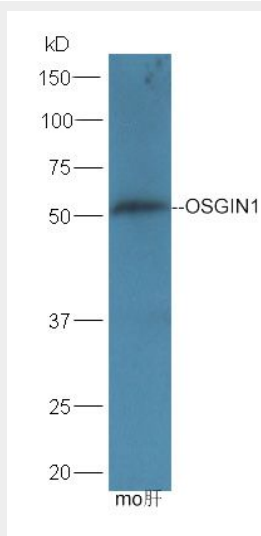
Sample: MCF-7 Cell (Human) Lysate at 40 ug

Primary: Anti-OSGIN1 (bs-5723R) at 1/300 dilution

Secondary: HRP conjugated Goat-Anti-rabbit IgG (bs-0295G-HRP) at 1/5000 dilution

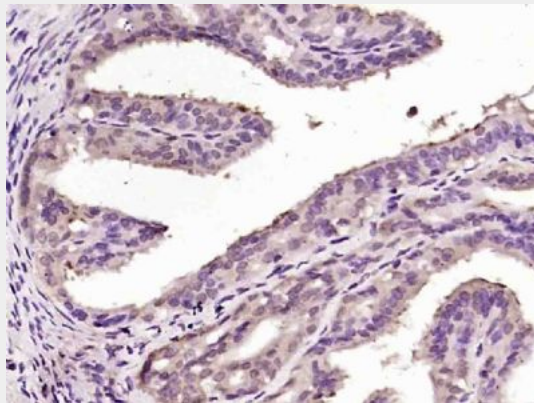
Predicted band size: 61 kD

Observed band size: 61 kD



Sample: Liver (Mouse) Lysate at 40 ug

Primary: Anti-OSGIN1 (bs-5723R) at 1/300 dilution
Secondary: HRP conjugated Goat-Anti-rabbit IgG (bs-0295G-HRP) at 1/5000 dilution
Predicted band size: 61 kD
Observed band size: 55 kD



Paraformaldehyde-fixed, paraffin embedded (rat ovary); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (OSGIN1) Polyclonal Antibody, Unconjugated (bs-5723R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.