

Product datasheet for **TA342142**

OSGIN1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-OSGIN1 antibody: synthetic peptide directed towards the N terminal of human OSGIN1. Synthetic peptide located within the following region: APGVSILDQDLTYLSEGLEGRSQSPVALLFDALLRPDTDFGGNMKSVLTW
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	61 kDa
Gene Name:	oxidative stress induced growth inhibitor 1
Database Link:	NP_892026 Entrez Gene 29948 Human Q9UJX0



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Background:

This gene encodes an oxidative stress response protein that regulates cell death. Expression of the gene is regulated by p53 and is induced by DNA damage. The protein regulates apoptosis by inducing cytochrome c release from mitochondria. It also appears to be a key regulator of both inflammatory and anti-inflammatory molecules. The loss of this protein correlates with uncontrolled cell growth and tumor formation. Naturally occurring read-through transcription exists between this gene and the neighboring upstream malonyl-CoA decarboxylase (MLYCD) gene, but the read-through transcripts are unlikely to produce a protein product. [provided by RefSeq, Aug 2011]

Synonyms:

BDGI; OKL38

Note:

Immunogen Sequence Homology: Dog: 100%; Rat: 100%; Human: 100%; Bovine: 100%; Rabbit: 100%; Pig: 93%; Horse: 93%; Mouse: 93%; Guinea pig: 93%; Zebrafish: 79%

Product images:

WB Suggested Anti-OSGIN1 Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1:312500; Positive
Control: MCF7 cell lysate