

Product datasheet for **TA349046**

OASL Rabbit Polyclonal Antibody

Product data:

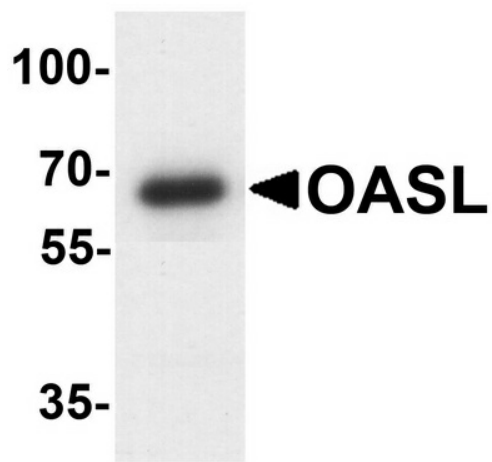
Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, IHC: 2.5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	OASL antibody was raised against a 17 amino acid peptide near the amino terminus of human OASL.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	OASL antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	Predicted: 57 kDa; Observed: 65 kDa
Gene Name:	2'-5'-oligoadenylate synthetase like
Database Link:	NP_003724 Entrez Gene 8638 Human Q15646
Background:	OASL (2'-5'-oligoadenylate synthetase-like), also known as p59OASL or TRIP14 (thyroid receptor-interacting protein 14), is a 514 amino acid protein that exists as two alternatively spliced isoforms, designated p56 and p30, and contains two ubiquitin-like domains (1). It is widely expressed in a variety of tissues and interacts with the ligand binding domain of the thyroid receptor (TR) and is able to bind double-stranded RNA and DNA, possibly playing a role in RNA degradation and the overall inhibition of protein synthesis (2-3). Methyl CpG-binding protein 1 (MBD1), which functions as a transcriptional repressor, was identified as a strong p59 OASL interactor (4).



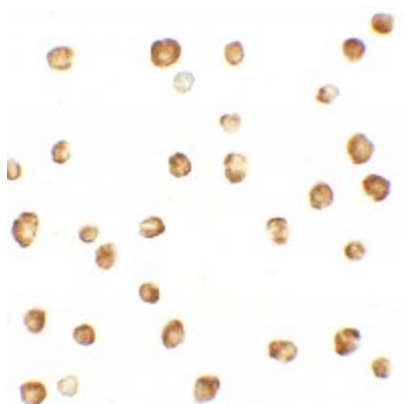
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Synonyms: DRP; DRP1; SMAP-3

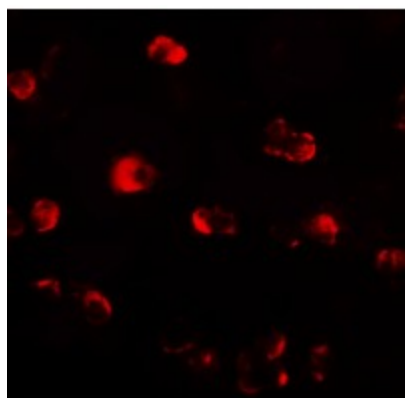
Product images:



Western blot analysis of OASL in mouse bladder tissue lysate with OASL antibody at 1 ug/mL.



Immunocytochemistry of OASL1 in HepG2 cells with OASL1 antibody at 2.5 ug/mL.



Immunofluorescence of OASL1 in HepG2 cells with OASL1 antibody at 20 ug/mL.