

Anti-OASL Antibody

Catalog Number: A04123

About OASL

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).

Overview

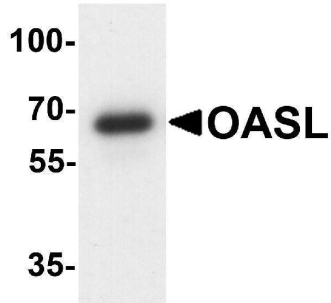
Product Name	Anti-OASL Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-OASL Antibody (Catalog # A04123). Tested in ELISA, WB, ICC, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, ICC, WB
Clonality	Polyclonal
Formulation	OASL Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	OASL antibody can be stored at 4°C for three months and -20°C, stable for up to one year.
Host	Rabbit
Uniprot ID	Q15646

Technical Details

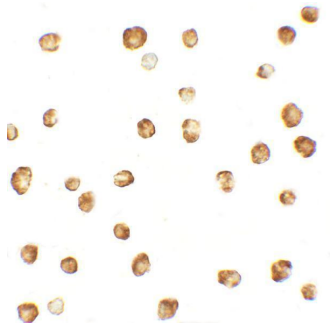
Immunogen	OASL antibody was raised against a 17 amino acid peptide near the amino terminus of human OASL. The immunogen is located within the first 50 amino acids of OASL.
Predicted Reactive Species	Bovine
Cross Reactivity	OASL antibody is human, mouse and rat reactive.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	OASL antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	OASL antibody can be used for detection of OASL by Western blot at 1 - 2 ug/ml. Antibody can also

be used for Immunocytochemistry at 2.5 ug/mL. For Immunofluorescence start at 20 ug/mL.
Antibody validated: Western Blot in mouse samples; Immunocytochemistry in human samples and
Immunofluorescence in human samples. All other applications and species not yet tested. Optimal
dilutions for each application should be determined by the researcher.

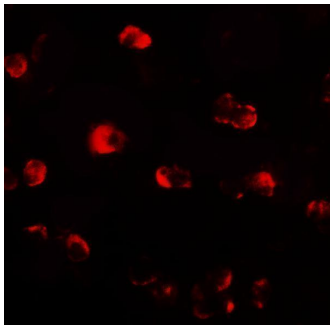
Anti-OASL Antibody (A04123) Images



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.

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Anti-OASL Antibody

For Research Use Only. Not for use in diagnostic procedures.