

Rabbit anti-Human OASL Polyclonal Antibody | anti-OASL antibody

OASL Antibody (C-term)

CATALOG # AAA286889	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

OASL; Polyclonal Antibody; OASL Antibody (C-term); 2'-5'-oligoadenylate synthase-like protein; 2'-5'-OAS-related protein; 2'-5'-OAS-RP; 59 kDa 2'-5'-oligoadenylate synthase-like protein; Thyroid receptor-interacting protein 14; TR-interacting protein 14; TRIP-14; p59 OASL; p59OASL; TRIP14; anti-OASL antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This OASL antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 484-514 amino acids from the C-terminal region of human OASL.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	484-514
Sequence Length	384
Applicable Applications for anti-OASL antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)

The anti-OASL C-term Antibody is used in Western blot to detect OASL in HL60 lysate.



WB (Western Blot)

Western blot analysis of lysates from HT-29, PC-3, U-87 MG cell line and human testis tissue lysate(from left to right), using OASL Antibody T499. AAA286889 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-OASL antibody	2-prime,5-prime oligoadenylates (2-5As) bind to and activate RNase L, leading to degradation of RNA and inhibition of protein synthesis. 2-5As are produced by 2-5A synthetases (OASs), a highly-conserved family of interferon-induced enzymes. The predicted 514-amino acid human p59OASL (2-5A synthetases-like) protein shares a highly conserved N-terminal domain with other OASs. The C-terminal portion of p59OASL contains 2 ubiquitin-like domains. p59OASL is expressed in most tissues, with the highest levels in hematopoietic tissues, colon, and stomach.
Product Categories/Family for anti-OASL antibody	Crown Antibodies; Cell Biology; Immunology; Metabolism; Signal Transduction
References	Hovnanian, A., et al., Genomics 56(3):362-363 (1999). Rebouillat, D., et al., Eur. J. Biochem. 257(2):319-330 (1998). Hartmann, R., et al., Nucleic Acids Res. 26(18):4121-4128 (1998). Lee, J.W., et al., Mol. Endocrinol. 9(2):243-254 (1995). Mackay, V., et al., J. Biol. Chem. 251(12):3716-3719 (1976).

NCBI AND UNIPROT INFORMATION

NCBI GI #	387849330
NCBI GeneID	8638
NCBI Accession #	NP_001248754.1; NP_003724.1; NP_937856.1
NCBI GenBank Nucleotide #	NM_001261825.1
UniProt Accession #	Q15646; O75686; Q17R95; Q9Y6K6; Q9Y6K7; B2RAZ2; I1YDD2
Molecular Weight	59226
NCBI Official Full Name	2'-5'-oligoadenylate synthase-like protein isoform c
NCBI Official Synonym Full Names	2'-5'-oligoadenylate synthetase-like
NCBI Official Symbol	OASL
NCBI Official Synonym Symbols	OASLd; TRIP14; TRIP-14; p59OASL; p59 OASL; p59-OASL
NCBI Protein Information	2'-5'-oligoadenylate synthase-like protein
UniProt Protein Name	2'-5'-oligoadenylate synthase-like protein
UniProt Gene Name	OASL
UniProt Synonym Gene Names	TRIP14; 2'-5'-OAS-RP; TR-interacting protein 14; TRIP-14; p59OASL
UniProt Entry Name	OASL_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.