

SLIRP/C14orf156 Rabbit pAb

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Catalog # AP57832

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q9GZT3
Reactivity	Human, Mouse
Predicted	Rat, Pig, Rabbit
Host	Rabbit
Clonality	Polyclonal
Calculated MW	12349
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human SLIRP/C14orf156
Epitope Specificity	31-100/109
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Mitochondrial and Nuclear; Predominantly mitochondrial.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Steroid receptor RNA activator (SRA, or SRA1; MIM 603819) is a complex RNA molecule containing multiple stable stem-loop structures that functions in coactivation of nuclear receptors. SLIRP interacts with stem-loop structure-7 of SRA (STR7) and modulates nuclear receptor transactivation (Hatchell et al., 2006 [PubMed 16762838]).[supplied by OMIM, Mar 2008]

Additional Information

Gene ID	81892
Other Names	SRA stem-loop-interacting RNA-binding protein, mitochondrial, SLIRP, C14orf156
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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.

Protein Information

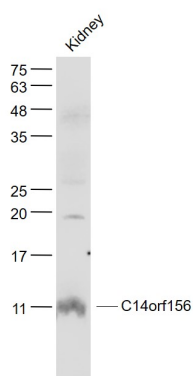
Name	SLIRP
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Synonyms	C14orf156
Function	RNA-binding protein that acts as a nuclear receptor corepressor. Probably acts by binding the SRA RNA, and repressing the SRA-mediated nuclear receptor coactivation. Binds the STR7 loop of SRA RNA. Also able to repress glucocorticoid (GR), androgen (AR), thyroid (TR) and VDR-mediated transactivation.
Cellular Location	Mitochondrion. Nucleus. Note=Predominantly mitochondrial. Some fraction is nuclear. In the nucleus, it is recruited to nuclear receptor target promoters
Tissue Location	Ubiquitously expressed, with highest level in heart, liver, skeletal muscle and testis

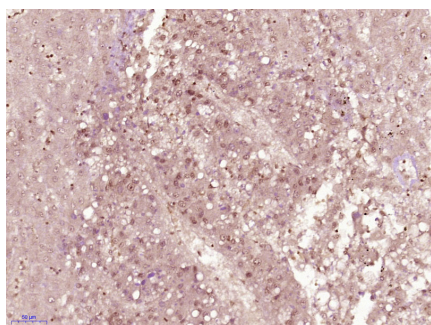
Background

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Images



Sample:
Kidney (Mouse) Lysate at 40 ug
Primary: Anti- SLIRP/C14orf156 (AP57832) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 12 kD
Observed band size: 11 kD



Paraformaldehyde-fixed, paraffin embedded (Human liver carcinoma); 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 (SLIRP/C14orf156) Polyclonal Antibody, Unconjugated (AP57832) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.