abcam

Product datasheet

Anti-RPL4 antibody ab154907

1 References   **5 Images**

Overview

Product name	Anti-RPL4 antibody
Description	Rabbit polyclonal to RPL4
Host species	Rabbit
Tested applications	**Suitable for:** ICC, WB, IHC-P
Species reactivity	**Reacts with:** Mouse, Human
	Predicted to work with: Rat, Chicken, Cow ⚠
Immunogen	Recombinant fragment, corresponding to a region within amino acids 60-340 of Human RPL4 (Uniprot ID: P36578).
Positive control	WB: Raji, K562 and NCI-H929 whole cell lysates; IHC-P: Human U87 xenograft, mouse colon and pancreas tissue; IF: HepG2 whole cells.
General notes	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.
	If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 78.99% PBS, 1% BSA, 20% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
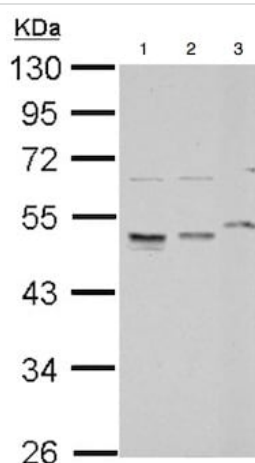
Application	Abreviews	Notes
ICC		Use at an assay dependent concentration.
WB		1/500 - 1/3000. Predicted molecular weight: 48 kDa.
IHC-P		1/100 - 1/1000.

Target

Sequence similarities   Belongs to the ribosomal protein L4P family.

Images

Western blot - Anti-RPL4 antibody (ab154907)

All lanes : Anti-RPL4 antibody (ab154907) at 1/1000 dilution

Lane 1 : Raji (human Burkitt's lymphoma cell line) whole cell lysate

Lane 2 : K562 (human chronic myelogenous leukemia cell line from bone marrow) whole cell lysate

Lane 3 : NCI-H929 (human bone marrow lymphoblast cell line) whole cell lysate
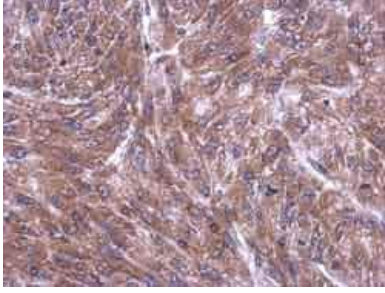
Lysates/proteins at 30 μg per lane.

Secondary

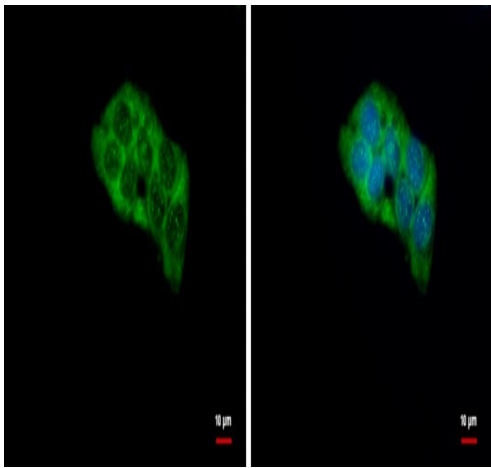**All lanes :** HRP-conjugated anti-rabbit IgG antibody

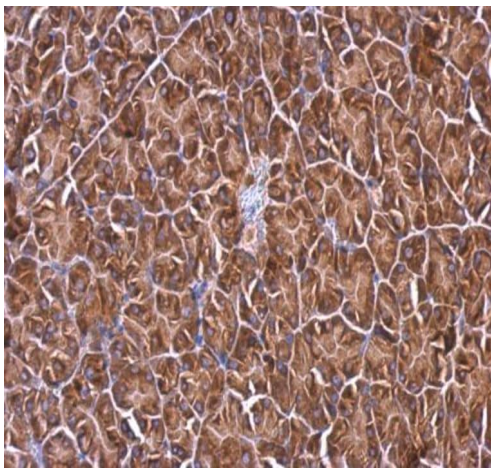**Predicted band size:** 48 kDa

10% SDS PAGE

Immunohistochemical analysis of paraffin-embedded human U87 xenograft tissue staining RPL4 with ab154907 at 1/500 dilution.

Antigen Retrieval: EDTA based buffer, pH 8.0, 15min.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RPL4 antibody (ab154907)
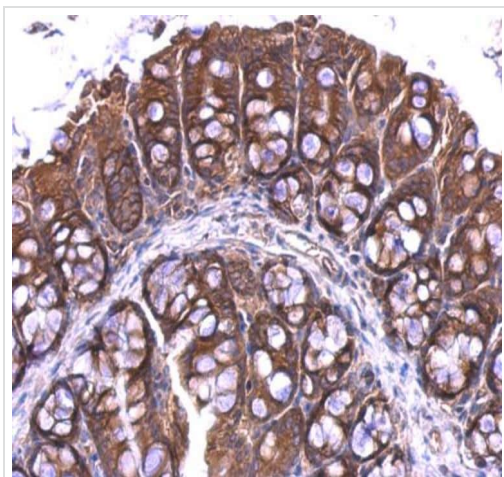

Immunofluorescence analysis of ice-cold MeOH HepG2 (human liver hepatocellular carcinoma cell line) whole cell labeling RPL4 at cytoplasm with ab154907 at 1/500 dilution. Blue: Hoechst 33342 staining.

Immunocytochemistry - Anti-RPL4 antibody (ab154907)

Immunohistochemical analysis of paraffin-embedded mouse pancreas tissue staining RPL4 at cytosol with ab154907 at 1/500 dilution.

Antigen Retrieval: EDTA based buffer, pH 8.0, 15min.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RPL4 antibody (ab154907)

Immunohistochemical analysis of paraffin-embedded mouse colon tissue staining RPL4 at cytosol with ab154907 at 1/500 dilution.

Antigen Retrieval: EDTA based buffer, pH 8.0, 15min.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RPL4 antibody (ab154907)

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