

# Anti RPL13 Antibody

Catalog No: tcsa20040



## Available Sizes

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**Size:** 100µl

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## Specifications

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**Application:**

WB, IHC, IF

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**Species Reactivity:**

Human, Mouse, Rat

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**Host Species:**

Rabbit

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**Immunogen / Amino acids:**

Recombinant protein of human RPL13

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**Conjugation:**

Unconjugated

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**Clonality:**

Polyclonal

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**Isotype:**

IgG

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**Form:**

Liquid

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**Storage Buffer:**

PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

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**Recommended Dilution:**

WB 1:500 - 1:2000

IHC 1:50 - 1:200

IF 1:50 - 1:200

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**Storage Instruction:**

Store at -20C. Avoid freeze / thaw cycles.

**Alternative Names:**

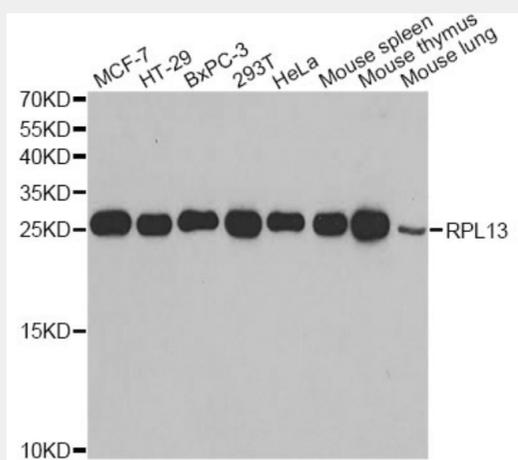
RPL13 antibody; 60S ribosomal protein L13 antibody; Breast basic conserved protein 1 antibody; Large ribosomal subunit protein eL13 antibody; RPL13 antibody; BBC1 antibody; OK/SW-cl.46 antibody

**SwissProt:**

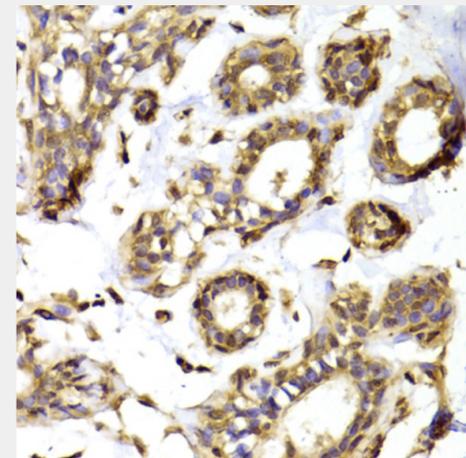
P26373

**Product Description**

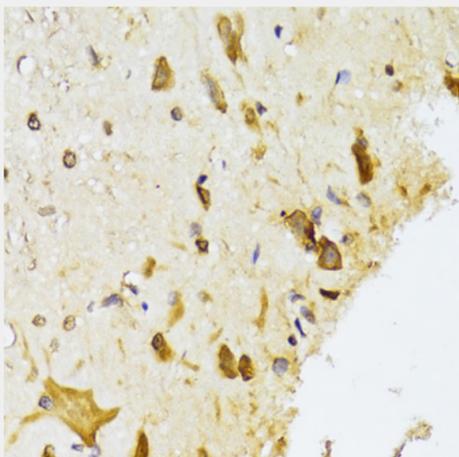
Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 60S subunit. The protein belongs to the L13E family of ribosomal proteins. It is located in the cytoplasm. This gene is expressed at significantly higher levels in benign breast lesions than in breast carcinomas. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.



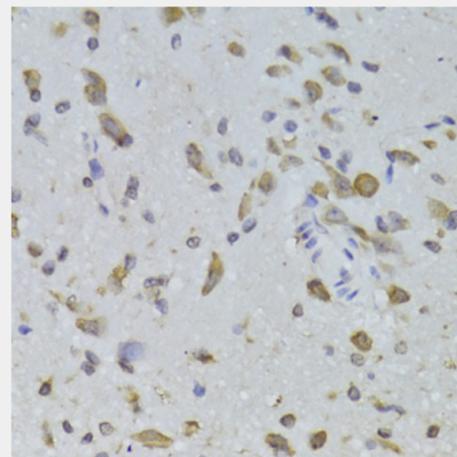
Western blot analysis of extracts of various cell lines, using RPL13 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



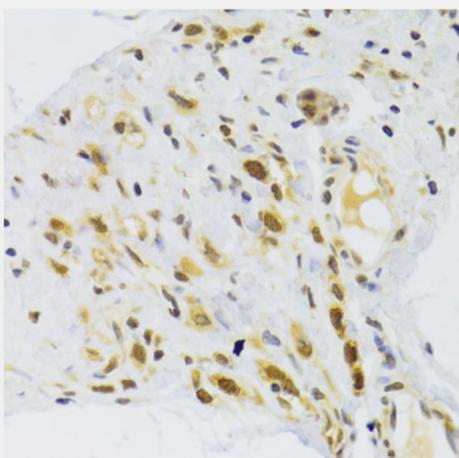
Immunohistochemistry of paraffin-embedded human breast using RPL13 Antibody at dilution of 1:100 (40x lens).



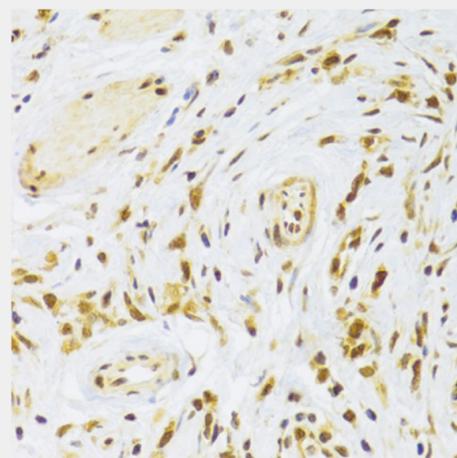
Immunohistochemistry of paraffin-embedded rat spinal cord using RPL13 Antibody at dilution of 1:100 (40x lens).



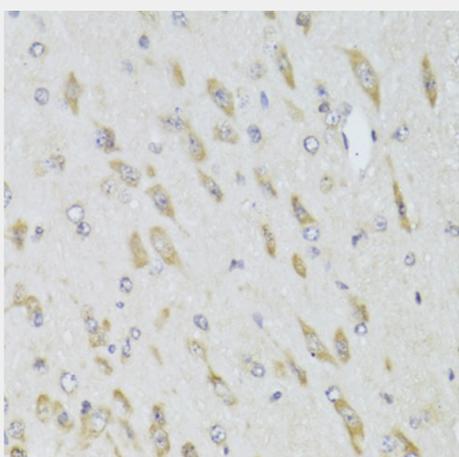
Immunohistochemistry of paraffin-embedded rat brain using RPL13 Antibody at dilution of 1:100 (40x lens).



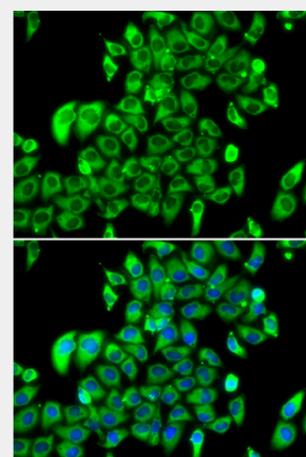
Immunohistochemistry of paraffin-embedded human stomach using RPL13 Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human gastric cancer using RPL13 Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse brain using RPL13 Antibody at dilution of 1:100 (40x lens).



Immunofluorescence analysis of MCF-7 cells using RPL13 antibody. Blue: DAPI for nuclear staining.

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!