

Anti-RPL13 Rabbit Monoclonal Antibody

Catalog # ABO16209

Specification

Anti-RPL13 Rabbit Monoclonal Antibody - Product Information

Application WB, IHC, IF, ICC

Primary Accession
Host
Rabbit
Isotype
IgG

Reactivity
Clonality
Monoclonal
Format
Liquid

Description

Anti-RPL13 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse.

Anti-RPL13 Rabbit Monoclonal Antibody - Additional Information

Gene ID 6137

Other Names

Large ribosomal subunit protein eL13, 60S ribosomal protein L13, Breast basic conserved protein 1, RPL13, BBC1

Calculated MW

26 kDa KDa

Application Details

WB 1:500-1:2000
IHC 1:50-1:200
ICC/IF 1:50-1:200</br>

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human RPL13

Purification

Affinity-chromatography

Storage Store at -20°C for one year. For short term

storage and frequent use, store at 4°C for

up to one month. Avoid repeated

freeze-thaw cycles.

Anti-RPL13 Rabbit Monoclonal Antibody - Protein Information

Name RPL13



Synonyms BBC1

Function

Component of the ribosome, a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell (PubMed:23636399, PubMed:31630789, PubMed:32669547). The small ribosomal subunit (SSU) binds messenger RNAs (mRNAs) and translates the encoded message by selecting cognate aminoacyl-transfer RNA (tRNA) molecules (Probable). The large subunit (LSU) contains the ribosomal catalytic site termed the peptidyl transferase center (PTC), which catalyzes the formation of peptide bonds, thereby polymerizing the amino acids delivered by tRNAs into a polypeptide chain (Probable). The nascent polypeptides leave the ribosome through a tunnel in the LSU and interact with protein factors that function in enzymatic processing, targeting, and the membrane insertion of nascent chains at the exit of the ribosomal tunnel (Probable). As part of the LSU, it is probably required for its formation and the maturation of rRNAs (PubMed:31630789, Plays a role in bone development (PubMed:<a href="http://www.uniprot.org/citations/31630789).

Cellular Location Cytoplasm

Tissue Location

Higher levels of expression in benign breast lesions than in carcinomas.

Anti-RPL13 Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-RPL13 Rabbit Monoclonal Antibody - Images



