

Anti-RPS19 Rabbit Monoclonal Antibody

Catalog # ABO15267

Specification

Anti-RPS19 Rabbit Monoclonal Antibody - Product Information

Application WB, IHC, IP
Primary Accession P39019
Host Rabbit
Isotype IgG

Reactivity Rat, Human, Mouse

Clonality Monoclonal Format Liquid

Description

Anti-RPS19 Rabbit Monoclonal Antibody . Tested in WB, IHC, IP applications. This antibody reacts with Human, Mouse, Rat.

Anti-RPS19 Rabbit Monoclonal Antibody - Additional Information

Gene ID 6223

Other Names

Small ribosomal subunit protein eS19, 40S ribosomal protein S19, RPS19 (HGNC:10402)

Application Details

WB 1:500-1:2000
IHC 1:50-1:200
IP 1:50

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.

Immunoaen

A synthesized peptide derived from human RPS19

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-RPS19 Rabbit Monoclonal Antibody - Protein Information

Name RPS19 (HGNC:10402)

Function



Component of the small ribosomal subunit (PubMed: 23636399). The ribosome is a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell (PubMed:23636399). Required for pre- rRNA processing and maturation of 40S ribosomal subunits (PubMed:16990592). Part of the small subunit (SSU) processome, first precursor of the small eukaryotic ribosomal subunit. During the assembly of the SSU processome in the nucleolus, many ribosome biogenesis factors, an RNA chaperone and ribosomal proteins associate with the nascent pre-rRNA and work in concert to generate RNA folding, modifications, rearrangements and cleavage as well as targeted degradation of pre-ribosomal RNA by the RNA exosome (PubMed:34516797/a>).

Cellular Location

Cytoplasm. Nucleus, nucleolus

Tissue Location

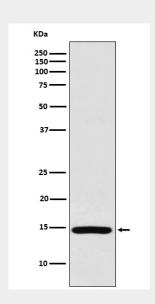
Higher level expression is seen in the colon carcinoma tissue than normal colon tissue

Anti-RPS19 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-RPS19 Rabbit Monoclonal Antibody - Images



Western blot analysis of RPS19 expression in HeLa cell lysate.