

Anti-RPS19 Antibody (9D449)

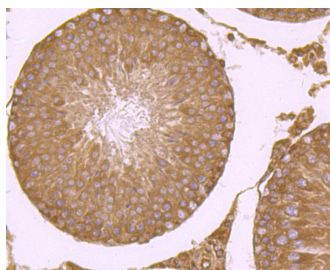
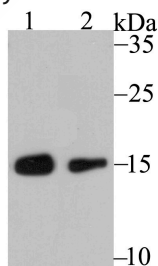
Product Details

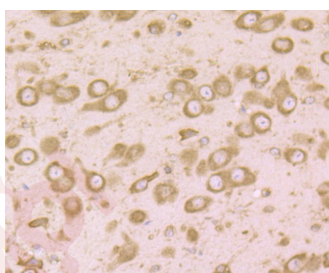
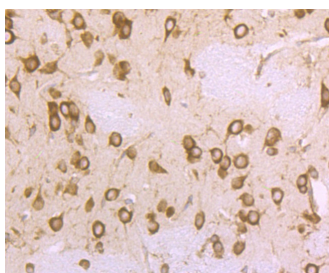
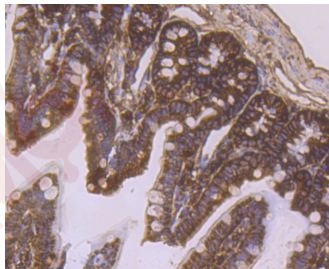
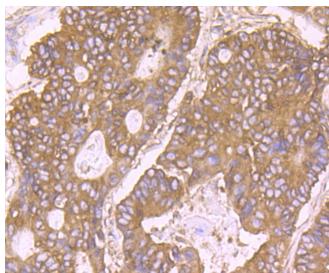
Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 16 kDa.
Clone:	9D449
Purification:	ProA affinity purified

Applications

Verified Activity:

1. Western blot analysis of RPS19 on Hela cell using anti-RPS19 antibody at 1/500 dilution. Positive control: Lane 1: CRC, Lane 2: MCF-7.
2. Immunohistochemical analysis of paraffin-embedded rat testis tissue using anti-RPS19 antibody. Counter stained with hematoxylin.
3. Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-RPS19 antibody. Counter stained with hematoxylin.
4. Immunohistochemical analysis of paraffin-embedded mouse colon tissue using anti-RPS19 antibody. Counter stained with hematoxylin.
5. Immunohistochemical analysis of paraffin-embedded rat brain tissue using anti-RPS19 antibody. Counter stained with hematoxylin.
6. Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-RPS19 antibody. Counter stained with hematoxylin.





Application: IHC,IP,WB

Recommended WB: 1:500-1000; IHC: 1:50-200; IP: 1:10-50

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein

Uniprot ID: P39019

Synonyms: RPS19;40S Ribosomal Protein S19

Research Background

Ribosomal subunits are synthesized in the nucleus and mature 40S and 60S subunits are exported stoichiometrically into the cytoplasm. Together these subunits are composed of four RNA species and approximately 80 structurally distinct proteins. Ribosomal proteins have the ability to pass through the nuclear envelope in the native state, making them the largest of the structures accommodated by the nuclear pore complexes. The nuclear export of ribosomal subunits is a unidirectional, saturable and energy-dependent process. Ribosomal Protein S19 (RPS19) is a

A DRUG SCREENING EXPERT

145 amino acids protein expressed in various human adult tissues, including bone marrow, peripheral blood, spleen, liver and nonhematopoietic tissues. RPS19 expression decreases during terminal erythroid differentiation; a deficiency of RPS19 blocks proliferation of immature erythroid progenitor cells altogether. Mutations in the RPS19 gene are linked with Diamond-Blackfan anemia (DBA), a congenital, hypoplastic, red cell aplasia that occasionally presents with physical anomalies.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481