

Rabbit Puromycin Polyclonal Antibody | anti-Puromycin antibody

Puromycin Rabbit pAb

CATALOG # AAA282191	HOST Rabbit	APPLICATIONS Dot Blot, ELISA
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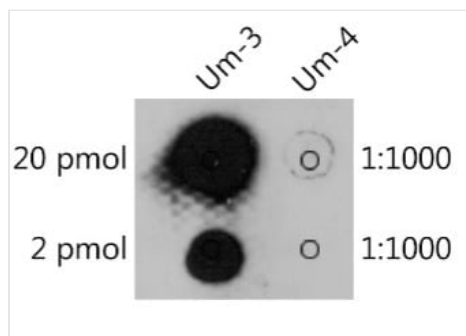
PRODUCT SYNONYMS

Puromycin; Polyclonal Antibody; Puromycin Rabbit pAb; Um; 2'-O-methyluridine; 2'-O-methyluridine(Um); anti-Puromycin antibody

PRODUCT SPECIFICATIONS

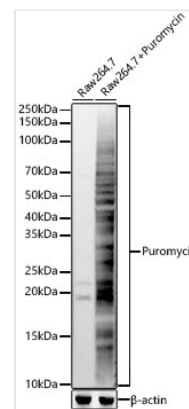
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.
Applicable Applications for anti-Puromycin antibody	DB (Dot Blot), ELISA
Cross-Reactivity	Species independent
Immunogen	Chemical compounds corresponding to 2'-O-methyluridine(Um).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



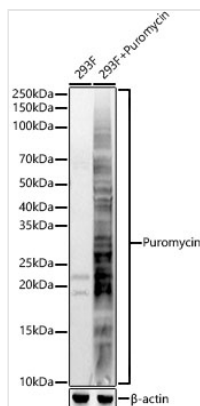
DB (Dot Blot)

The 2'-O-methyluridine(Um) Rabbit pAb are tested in Dot Blot against 2'-O-methyluridine(Um) and unmodified uridine. Um-3'5'Biotin-UGACAACUACAGAC(Um)3'Um-4'5'Biotin-UGACAACUACAGACU



WB (Western Blot)

Western blot analysis of RAW264.7, using Puromycin antibody at 1:2210 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: 10s.



WB (Western Blot)

Western blot analysis of 293F, using Puromycin antibody at 1:2210 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: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-Puromycin antibody

RNA methylation plays a significant regulatory role in various of physiological activities and it has gradually become a hotspot of epigenetics in the past decade. 2'-O-methyladenosine (Am), 2'-O-methylguanosine (Gm), 2'-O-methylcytidine (Cm), 2'-O-methyluridine (Um), N 6-methyladenosine (m6A), N 1-methylguanosine (m1G), 5-methylcytidine (m5C), and 5-methyluridine (m5U) are representative 2'-O-methylation and base-methylation modified epigenetic marks of RNA. 2'-O-methyltransferase is a modified nucleoside that is produced in tRNAs by the action of tRNA guanosine-2'-O-methyltransferase, using S-adenosyl-L-methionine as a substrate. Through its interaction with other modified nucleosides, 2'-O-methylguanosine is thought to stabilize the structure of the tRNA.

Product Categories/Family for anti-Puromycin antibody

Polyclonal Antibodies

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/puromycin-antibody-dot-blot-elisa/282191>