

CAB20696

Product Information

Product SKU:	CAB20696	Gene ID:	CAS: 2140-71-8	Size:	20uL, 100uL
Clone No:	ARC50772	Host Species:	Rabbit	Reactivity:	Species independent

Additional Information

Observed MW:	Refer to figures	Conjugate:	Unconjugated
Calculated MW:	-	Isotype:	IgG

Immunogen Information

Background: 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.

Recommended Dilution: DB, 1:500 - 1:2000

Synonyms: 2'-O-Methylguanosine; Gm; 2'-O-Methylguanosine(Gm)

Purification Method: Affinity purification

Immunogen: Gm

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH 7.3.