

Product datasheet for TA591070S

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com

OriGene Technologies, Inc.

techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

AAV1 Rabbit Monoclonal Antibody [Clone ID: OTIR2F6]

Product data:

Product Type: Primary Antibodies

Clone Name: OTIR2F6

Applications: WB

Recommended Dilution: WB1:500

Reactivity: Human
Host: Rabbit

Isotype: IgG

Clonality: Monoclonal

Immunogen: AAV1 Capsid peptide

Formulation: PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.

Concentration: 1mg/ml

Purification: Purified from cell culture supernatant by affinity chromatography (protein A/G)

Conjugation: Unconjugated

Storage: Shipped at -20°C or with ice packs, Upon delivery store at -20°C. Dilute in PBS(pH7.3) if

necessary. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.

Stability: Stable for 12 months from date of receipt

Predicted Protein Size: 86 kDa

Background: AAV vectors are promising delivery tools for human gene therapy. AAV is a single-stranded

DNA parvovirus with a 4.7 kb genome composed of the rep and cap genes flanked by inverted terminal repeats (ITRs). The rep gene encodes non-structural proteins involved in viral replication, packaging, and genomic integration, whereas the cap gene codes for

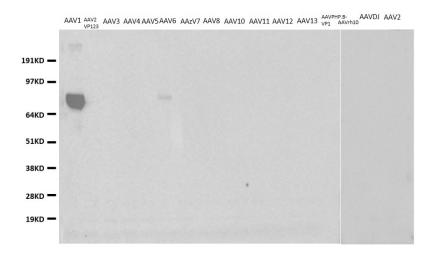
structural proteins (VP1, VP2, VP3) that assemble to form the viral capsid, which serves as the

viral gene delivery vehicle.





Product images:



HEK293T cells were transfected with pCMV6-ENTRY AAV family lysates (lane 1-16). Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-AAV1 ([TA591070], 1:500).