

## Product datasheet for **TA594439S**

### **AAV2(Rep78, 68, 52, 40) Rabbit Monoclonal Antibody [Clone ID: OTIR3A10]**

#### **Product data:**

|                         |  |
|-------------------------|--|
| Product Type:           | Primary Antibodies   |
| Clone Name:             | OTIR3A10   |
| Applications:           | WB   |
| Recommended Dilution:   | WB1:2000   |
| Reactivity:             | Adeno-Associated Virus 2   |
| Host:                   | Rabbit   |
| Isotype:                | IgG  |
| Clonality:              | Monoclonal   |
| Immunogen:              | AAV2 Rep40   |
| Formulation:            | PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.   |
| Concentration:          | 1 mg/ml  |
| Purification:           | Purified from mouse ascites fluids or tissue 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.   |
| Predicted Protein Size: | 70KD   |
| 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. |

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## Product images:

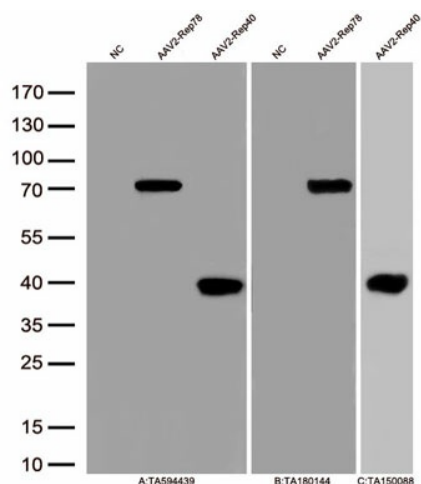


Figure A, Western blot analysis of overexpressed lysates (15ug per lane) from HEK293T cells transfected with empty plasmid ([PS100001], NC), AAV2-Rep78 overexpressed plasmid and AAV2-Rep40 protein (0.1ug) using anti-AAV2(Rep78, 68, 52, 40) antibody [TA594439] (1:2000). Figure B, Western blot analysis of the same samples as figure A with anti-DDK antibody [TA180144], 1:1000. Figure C, Western blot analysis of the same samples as figure A with anti-His antibody [TA150088], 1:500.