

Product datasheet for **TA594471**

AAV1 Rabbit Monoclonal Antibody [Clone ID: OTIR1G1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTIR1G1
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Adeno-Associated Virus 1, Adeno-Associated Virus 6
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	AAV1 capsids
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:	100 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.

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Product images:

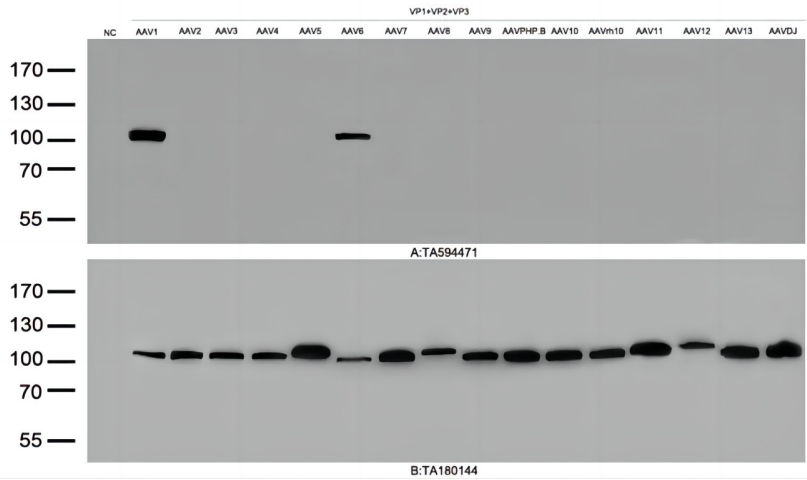


Figure A, Western blot analysis of overexpressed lysates(25ug per lane) from HEK293T cells transfected with empty plasmid ([PS100001], NC) and 16 different AAV capsid proteins using anti-AAV1 antibody TA594471(1:2000). Figure B, Western blot analysis of the same samples as figure A with anti-DDK antibody ([TA180144], 1:1000).From the results,TA594471 recognize AAV1 and AAV6 capsid proteins.