

## Product datasheet for **TA591070**

### 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.


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## 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).