AAV1 + AAV6 Capsid protein VP1 + VP2 + VP3 antibody [HL5058]

Cat. No. GTX645228

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ELISA
Reactivity	Adeno-Associated virus 1, Adeno-Associated virus 6

Package
100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
ELISA	Assay dependent

Not tested in other applications.

Product Note	Based on our internal ELISA tested result, this antibody can recognize VP1 protein of AAV6 viral particle, and it does not cross react with VP1 protein of AAV2, AAV8, and AAV9 viral particles. Other AAV viral particles have not been tested. This antibody recognizes VP1 + VP2 + VP3 protein of AAV1 and AAV6, and it does not cross react with VP1 + VP2 + VP3 protein of AAV2, AAV3, AAV4, AAV5, AAV7, AAV8, AAV9, AAV10, AAV11, AAV12, and AAV13.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide of AAV1 + AAV6 Capsid protein VP1 + VP2 + VP3.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

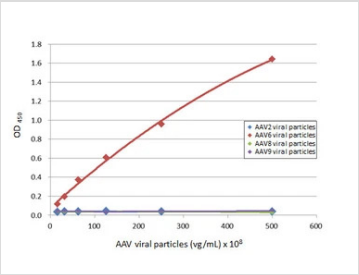
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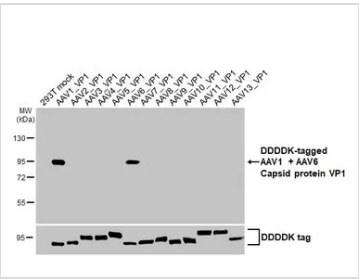
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DATA IMAGES



GTX645228 ELISA Image

Indirect ELISA analysis was performed by coating the plate with AAV2, AAV6, AAV8, AAV9 viral particle ($15.62*10^8$-$500*10^8$ vg/mL). Coated protein was probed with Adeno-associated virus 6 VP1 antibody [HL5058] (GTX645228) (1 µg/mL). Goat anti-rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) was used to detect the bound primary antibody.



GTX645228 WB Image

Non-transfected and transfected 293T whole cell extracts (10 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with AAV1 + AAV6 Capsid protein VP1 + VP2 + VP3 antibody [HL5058] (GTX645228) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

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