

Product datasheet

anti-AAV VP1/VP2/VP3 rabbit polyclonal (VP51), serum

Short overview

Cat. No.	61084
Quantity	250 µl

Product description

Host	Rabbit
Antibody Type	Polyclonal
Immunogen	AAV2 capsids
Formulation	Contains 0.09% sodium azide
Note	Centrifuge prior to opening
Conjugate	Unconjugated
Purification	Stabilized antiserum
Storage	Short term at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles
Intended use	Research use only
Application	ELISA, ICC/IF, IP, WB
Reactivity	AAV1, AAV11, AAV12, AAV2, AAV3, AAV4, AAV5, AAV6, AAV7, AAV8, AAV9, AAVrh10

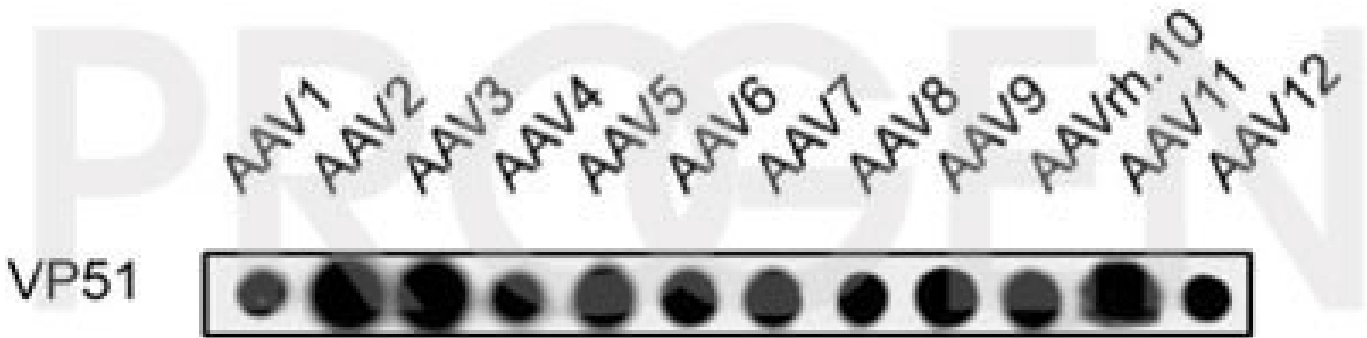
Applications

ELISA	Assay dependent
Immunocytochemistry (ICC)	1:50-1:100
Immunoprecipitation (IP)	1:10
Western Blot (WB)	1:200-1:500

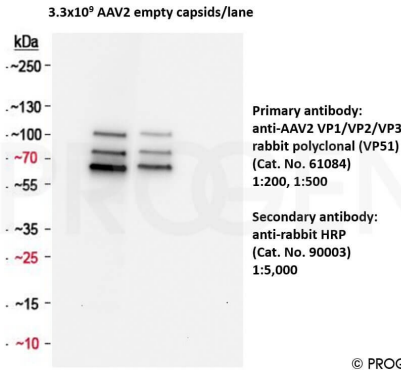
Background

The antibody reacts with VP1, VP2, and VP3 of adeno-associated virus (AAV). Rabbit polyclonal antibody (VP51).

Product images



Dot blot with different AAV serotypes and rabbit polyclonal anti-AAV VP1/VP2/VP3 antibody (Courtesy of Regina Heilbronn, Charité Universitätsmedizin Berlin, Mietzsch et al. Hum Gene Ther. 2014 Mar 1; 25(3):212-222)



WB with anti-AAV VP1/VP2/VP3 antibody (Cat. No. 61084, 1:200 & 1:500) using AAV2 capsids as sample

References

Publication	Species	Application
Grosse, S. et al. Relevance of Assembly-Activating Protein for Adeno-associated Virus Vector Production and Capsid Protein Stability in Mammalian and Insect Cells. J. Virol. 91, 2017.	AAV2	WB
Mietzsch, M. et al. OneBac: Platform for Scalable and High-Titer Production of Adeno-Associated Virus Serotype 1-12 Vectors for Gene Therapy. Hum. Gene Ther. 25, 212-222 (2014).	AAV1,AAV2,AAV3,AAV4,AAV5,AAV6,AAV7,AAV8,AAV9,AAVrh10,AAV11,AAV12	dot blot
Naurer, M. et al. Properties of the Adeno-Associated Virus Assembly-Activating Protein. J. Virol. 86, 13038-13048 (2012).	AAV2	WB
Sonntag, F. et al. The Assembly-Activating Protein Promotes Capsid Assembly of Different Adeno-Associated Virus Serotypes. J. Virol. 85, 12686-12697 (2011).	AAV1,AAV2,AAV3,AAV4,AAV5,AAV6,AAV8,AAV9	dot blot,ICC-IF
Kuck, D., Kern, A. & Kleinschmidt, J. A. Development of AAV serotype-specific ELISAs using novel monoclonal antibodies. J. Virol. Methods 140, 17-24 (2007).	AAV1,AAV2,AAV3,AAV4,AAV5,AAV6,AAV8,AAV9	WB,dot blot