Rabbit Anti-Adeno-Associated Virus Polyclonal Antibody

**Product Overview:** Polyclonal Antibody to Adeno-Associated Virus

**Specificity:** The antibody reacts with virus capsid proteins VP1, VP2, VP3 of AAV-5; no cross-reaction with AAV types 1 - 4.

**Host animal:** Rabbit

**Immunogen:** AAV-5 capsid proteins

**Format:** Serum

**Application:** Immunoblotting (Western) (other applications under investigation)

**Working Dilution:** 1:25 – 1:50 for immunoblotting (using ECL detection method)

**Buffer:** PBS

**Storage:** At 2-8°C

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**BACKGROUND**

**Introduction:** Adenoviruses are DNA viruses that cause upper respiratory tract infections, conjunctivitis, and other infections in humans. Adenoviruses were discovered in 1953. About 47 different types have been identified since then, and about half of them are believed to cause human diseases. Infants and children are most commonly affected by adenoviruses. Adenovirus infections can occur throughout the year, but seem to be most common from fall to spring. Adenoviruses are responsible for 3-5% of acute respiratory infections in children and 2% of respiratory illnesses in adults.

**Keywords:** adeno-associated virus; AAV; Group II; Parvoviridae; Parovirinae; Dependovirus; AAV-5; Adeno-associated 5 virus

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**REFERENCES**