10320 Camino Santa Fe, Suite G
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V5 Tag Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP1014a

Specification

V5 Tag Antibody - Product Information

Application	**WB,E**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**

V5 Tag Antibody - Additional Information

Other Names
The V5 tag derived from the P and V protein of the simian virus 5 (SV5, a paramyxovirus).

Target/Specificity
KLH conjugated synthetic peptide encoding the V5 tag (GKPIPNPLLGLDST) was used as antigen.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
V5 Tag Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

V5 Tag Antibody - Protein Information

V5 Tag Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety

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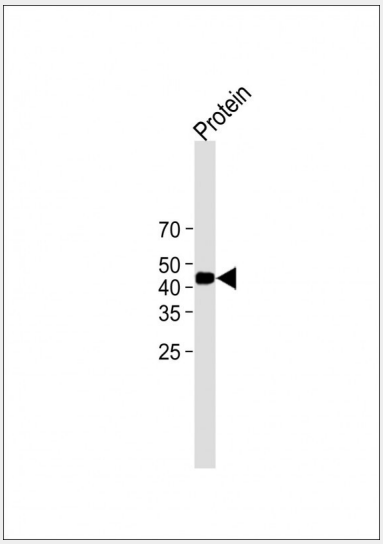
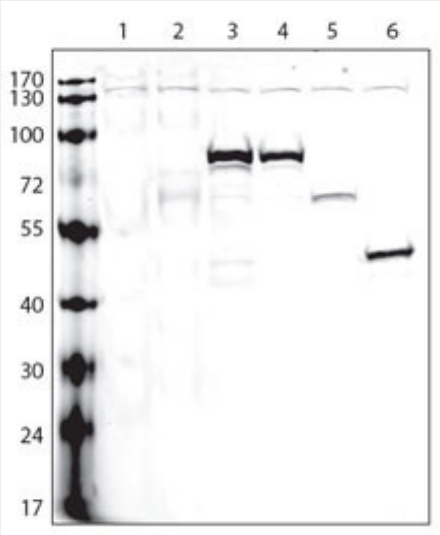
- Cell Culture

V5 Tag Antibody - Images



All lanes: Anti-Tag-V5 at 1:2000 dilution + recombinant Protein lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 50KDa Blocking/Dilution buffer: 5% NFDM/TBST.



Lanes: 1:non-transfected cells; 2:V5-tagged empty plasmid; 3:protein A (V5-tagged); 4:protein B (V5-tagged); 5:protein C (V5-tagged); 6:protein D (V5-tagged); Protocol and data courtesy of Dr. Gustavo Gutierrez, Burnham Institute for Medical Research.

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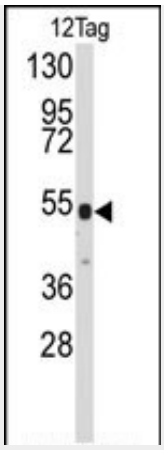

Western blot analysis of anti-V5 Tag Antibody (Cat.#AP1014a) in 12tag protein (35ug/lane). 12 Tag (arrow) was detected using the purified Pab.

V5 Tag Antibody - Background

Epitope tags consisting of short sequences recognized by well-characterizated antibodies have been widely used in the study of protein expression in various systems. The V5 epitope tag is is composed of a 14 residue peptide, GKPIPNPLLGLDST, derived from a small epitope (Pk) present on the P and V proteins of the paramyxovirus of simian virus 5 (SV5). Abgent's anti-V5 tag polyclonal antibody provides a simple solution to detect the expression of a V5-tagged protein in cells.

V5 Tag Antibody - References

Dunn C, et al.J Immunol Methods. 1999 Apr 22;224(1-2):141-50.