

AP09231PU-N

Polyclonal Antibody to VSV-g Epitope Tag (YTDIEMNRLGK) - Aff - Purified

Quantity:	0.1 mg
Concentration:	1.00 mg/ml (by UV absorbance at 280 nm)
Background:	Epitope tags are short peptide sequences that are easily recognized by tag-specific antibodies. Due to their small size, epitope tags do not affect the tagged protein's biochemical properties. Most often sequences encoding the epitope tag are included with target DNA at the time of cloning to produce fusion proteins containing the epitope tag sequence. This allows anti-epitope tag antibodies to serve as universal detection reagents for any tag containing protein produced by recombinant means. This means that anti-epitope tag antibodies are a useful alternative to generating specific antibodies to identify, immunoprecipitate or immunoaffinity purify a recombinant protein. The anti-epitope tag antibody is usually functional in a variety of antibody-dependent experimental procedures.
Host / Isotype:	Rabbit / IgG
Immunogen:	Synthetic peptide corresponding aa 501-511 of vesicular stomatitis virus glycoprotein (VSV-G) Remarks: Predicted MW 57.5 kDa
Format:	State: Liquid sterile filtered Ig fraction Purification: Immunoaffinity chromatography Buffer System: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 0.01% (w/v) Sodium Azide
Applications:	ELISA: 1:8,000 - 1:32,000. Western blot: 1:200 - 1:2,000. Immunofluorescence: 1:200 - 1:500. Immunohistochemistry: 1:200 - 1:500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This affinity purified antibody is directed against VSV-G protein
Storage:	Store the antibody at 2 - 8 °C up to one month or for longer (in aliquots) at -20 °C or below. Avoid repeated freezing and thawing. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf life: one year from despatch.
General Readings:	Beyer, W.R., Westphal, M., Ostertag, W. and von Laer, D. (2002) Oncoretrovirus and lentivirus vectors pseudotyped with lymphocytic choriomeningitis virus glycoprotein: generation, concentration, and broad host range. J. Virol. 76 (3), 1488-1495.