

Product datasheet for **AP09231PU-N**

VSV-g Epitope Tag (YTDIEMNRLGK) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IF, IHC, WB
Recommended Dilution:	ELISA: 1:8,000 - 1:32,000. Western blot: 1:200 - 1:2,000. Immunofluorescence: 1:200 - 1:500. Immunohistochemistry: 1:200 - 1:500.
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding aa 501-511 of vesicular stomatitis virus glycoprotein (VSV-G)
Specificity:	This affinity purified antibody is directed against VSV-G protein
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 0.01% (w/v) Sodium Azide State: Aff - Purified State: Liquid sterile filtered Ig fraction
Concentration:	lot specific
Purification:	Immunoaffinity chromatography
Conjugation:	Unconjugated
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.
Stability:	Shelf life: one year from despatch.



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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.