

AP01106PU-N**Polyclonal Antibody to VSV-g Epitope Tag (YTDIEMNRLGK) - Purified**

Quantity:	50 µg
Concentration:	0.5 mg/ml
Background:	Epitope tags are short peptide sequences that can be attached to proteins from all species, and do not affect the proteins biochemical properties. VSV is a member of the Rhabdoviridae family, and consists of a single RNA molecule that encodes five proteins, one of which is a surface glycoprotein (G). G is a type I membrane glycoprotein and is responsible for viral binding to cell surface receptors and initiating the infectious process.
Host / Isotype:	Rabbit / IgG
Immunogen:	Amino acids 501-511 of vesicular stomatitis virus glycoprotein (VSV-G)
Format:	State: Liquid purified IgG fraction Purification: Affinity Chromatography Buffer System: PBS, pH 7.2 containing 0.09% Sodium Azide
Applications:	ELISA: 1/8000-1/32000. Western Blot: 1/200-1/1000. Immunofluorescence: Has been reported as suitable for Immunofluorescence. However, filamentous staining may be observed at dilutions lower than 1/200. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody specifically recognises recombinant proteins containing the Vesicular Stomatitis Virus Glycoprotein (VSV-G) epitope tag.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Dreja H, Piechaczyk M. The effects of N-terminal insertion into VSV-G of an scFv peptide. <i>Virology</i> . 2006 Sep 2;3:69. PubMed PMID: 16948856. 2. Barber GN. VSV-tumor selective replication and protein translation. <i>Oncogene</i> . 2005 Nov 21;24(52):7710-9. PubMed PMID: 16299531.