

**AP01106BT-N****Polyclonal Antibody to VSV-g Epitope Tag (YTDIEMNRLGK) - Biotin**

<b>Quantity:</b>	50 µg
<b>Concentration:</b>	0.5 mg/ml
<b>Background:</b>	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.
<b>Host / Isotype:</b>	Rabbit / IgG
<b>Immunogen:</b>	Synthetic peptide corresponding to the carboxy terminal of vesicular stomatitis virus glycoprotein (VSV-G).
<b>Format:</b>	<b>State:</b> Liquid purified IgG fraction <b>Purification:</b> Affinity Chromatography <b>Buffer System:</b> PBS containing 0.09% Sodium Azide and 1% BSA <b>Label:</b> Biotin – Covalently coupled with the N-Hydroxysuccinimide ester of under mild conditions to give a high degree of substitution
<b>Applications:</b>	<b>ELISA:</b> 1/3000-1/12000. <b>Immunofluorescence:</b> 1/500-1/2000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody specifically recognises recombinant proteins containing the Vesicular Stomatitis Virus Glycoprotein (VSV-G) epitope tag.
<b>Storage:</b>	Store 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.
<b>General Readings:</b>	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.