

Polyclonal Antibody to HA Epitope Tag (YPYDVPDYA) - Aff - Purified

Catalog No.: SP5094P

Quantity: 0.3 ml

Background: Epitope tagging is a powerful and versatile strategy for detecting and purifying proteins expressed by cloned genes. To utilize this feature, protein expression vectors are typically engineered with a nucleotide sequence that encodes the peptide epitope tag. The gene of interest is cloned in-frame relative to the tag and, upon expression, the protein of interest is synthesized as a fusion protein with the peptide tag. Fusion protein detection and/or purification is mediated by highly specific antibodies to the engineered peptide, thus eliminating the need for antibodies to proteins from each newly cloned gene. Commonly used epitope tags include glutathione-S-transferase (GST), c-myc, 6-histidine (6X-His), FLAG, green fluorescent protein (GFP), maltose binding protein (MBP), influenza A virus haemagglutinin (HA), b-galactosidase, and GAL4.

Host: Rabbit

Immunogen: Synthetic Peptide: Y P Y D V P D Y A corresponding to an internal domain within HA.

Format: **State:** Liquid purified IgG fraction.

Purification: Affinity chromatography

Buffer System: PBS containing 0.09% sodium azide as preservative and 0.2% gelatine as stabilizer.

Applications: Suitable for use in Western Blot: 1/200, detects the presence of HA-tagged proteins. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity: This antibody detects HA tagged proteins.
This antibody is specific for the HA tag and does not detect other proteins.

Species: Virus, Bacteria and Tag.
Other species not tested.

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.