

Polyclonal Antibody to 3xB Epitope Tag (CQYPALTQYPALTQYPALT) - Purified

Catalog No.:	AP11021PU-N
Quantity:	0.4 ml
Concentration:	lot specific
Background:	Epitope tags consisting of short sequences recognized by well-characterized antibodies have been widely used in the study of protein expression in various systems. BTag is an epitope tag composed of a 6 residue peptide, QYPALT, derived from the highly conserved region of the major core protein, VP7, of bluetongue (BT) viruses. This polyclonal antibody provides a simple solution to detect the expression of a B-tagged protein in cells.
Host / Isotype:	Rabbit / Ig
Immunogen:	KLH conjugated synthetic peptide encoding 3xBtag (CQYPALTQYPALTQYPALT) was used as antigen.
Format:	State: Liquid purified Ig fraction. Purification: Protein G Chromatography, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS. Buffer System: PBS containing 0.09% (W/V) Sodium Azide as preservative.
Applications:	ELISA: 1/5,000. Western Blot. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	B Tag specific.
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.
Caution:	This product is for research use only. Not for use in diagnostic or therapeutic procedures.
General Readings:	1. Wang LF, Yu M, White JR, Eaton BT. BTag: a novel six-residue epitope tag for surveillance and purification of recombinant proteins. <i>Gene</i> . 1996 Feb 22;169(1):53-8. PubMed PMID: 8635749. 2. du Plessis DH, Wang LF, Jordaan FA, Eaton BT. Fine mapping of a continuous epitope on VP7 of bluetongue virus using overlapping synthetic peptides and a random epitope library. <i>Virology</i> . 1994 Jan;198(1):346-9. PubMed PMID: 7505073.

Pictures:

figure 1. Western blot analysis of anti-B tag Pab (Cat. #AP11021PU-N) in B-tagged recombinant protein bacterial lysate.

