

MBP-Tag Rabbit Polyclonal Antibody

Catalog No: RTA59

Basic Information

Host species	Rabbit
Applications	WB
Species Cross-Reactivity	N/A
Specificity	The MBP tag antibody can recognize MBP & MBP tag fusion proteins.
Recommended dilutions	WB: 1:5,000 Optimal dilutions should be determined by the end user.

Applications

Formulation	PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Concentration	1 mg/ml
Clonality	Polyclonal

Background

Alternative Names	
Observed band	N/A
Human Gene ID	N/A
Human Swiss-Prot Number	N/A

Background

Maltose binding protein (MBP) is a useful affinity tag that can increase the expression level and solubility of the MBP tagged protein. It promotes proper folding of the fusion protein, and it can be also used to prevent an insoluble form (inclusion bodies). MBP is used to increase the solubility of recombinant proteins expressed in *E. coli*. In these systems, the protein of interest is often expressed as a MBP-fusion protein, preventing aggregation of the protein of interest.

Selected Validation Data



1ug MBP fusion protein+ Primary antibody dilution at 1、
1:5,000 2、 1:10,000