

## MBP-Tag Polyclonal Antibody

Cat No: HR1AP2260

For research use only

### Overview

Product Name	MBP-Tag Polyclonal Antibody
Source	Rabbit
Applications	WB
Species Reactivity	Species independent
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	
Observed band	kDa
GeneID?Human?	
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	
Background	<p>Maltose binding protein (MBP) is the 370 amino acid product of the E.coli mal E gene. MBP is a useful affinity tag that can increase the expression level and solubility of the resulting tagged protein. The MBP tag also promotes proper folding of the attached protein. Plasmid vectors have been constructed utilizing the MBP domain that allow the synthesis of high levels of MBP-fusion proteins that can be purified in a one step procedure by affinity chromatography cross linked amylose resin. Once bound to amylose, the MBP protein can then be separated from the target protein by cleavage by coagulation Factor Xa at a specific four residue site. Alternatively, the intact fusion protein can be specifically eluted from the resin by the addition of excess free maltose.</p>