

Rabbit MBP tag Polyclonal Antibody | anti-malE antibody

MBP tag Antibody

CATALOG # AAA290744	HOST Rabbit	APPLICATIONS ELISA, Western Blot
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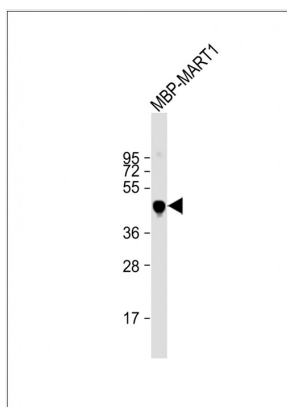
PRODUCT SYNONYMS

MBP tag; Polyclonal Antibody; MBP tag Antibody; Maltose-binding periplasmic protein; MBP; MMBP; Maltodextrin-binding protein; malE; Purified Rabbit Polyclonal Antibody (Pab); anti-malE antibody

PRODUCT SPECIFICATIONS

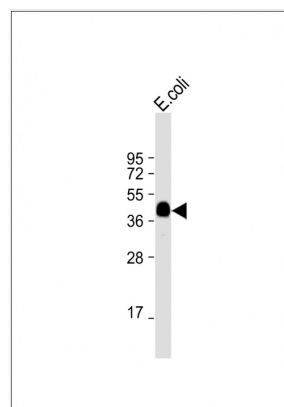
Host	Rabbit
Clonality	Polyclonal
Isotype	Ig
Specificity	This MBP tag antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide of MBP tag.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	0.91 (varies by lot)
Sequence Length	396
Applicable Applications for anti-malE antibody	ELISA, WB (Western Blot)
Cellular Location	Periplasm.
Antigen Type	Synthesized Peptide
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Anti-MBP tag Antibody at 1:2000 dilution + Recombinant MBP MART1 lysateLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.Predicted band size : 43 kDaBlocking/Dilution buffer: 5% NFDm/TBST.



WB (Western Blot)

Anti-MBP tag Antibody at 1:16000 dilution + E.coli lysateLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.Predicted band size : 43 kDaBlocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-malE antibody	Involved in the high-affinity maltose membrane transport system MalEFGK. Initial receptor for the active transport of and chemotaxis toward maltooligosaccharides.
References	Duplay P.,et al.J. Biol. Chem. 259:10606-10613(1984). Blattner F.R.,et al.Nucleic Acids Res. 21:5408-5417(1993). Blattner F.R.,et al.Science 277:1453-1462(1997). Hayashi K.,et al.Mol. Syst. Biol. 2:E1-E5(2006). Bedouelle H.,et al.Mol. Gen. Genet. 185:82-87(1982).

NCBI AND UNIPROT INFORMATION

NCBI GI #	84027873
NCBI GeneID	948538
UniProt Accession #	P0AEX9; P02928; Q2M6S0
Molecular Weight	43388 Da
NCBI Official Full Name	Maltose-binding periplasmic protein
NCBI Official Symbol	malE
NCBI Official Synonym Symbols	ECK4026; JW3994; malJ
NCBI Protein Information	maltose transporter subunit
UniProt Protein Name	Maltose-binding periplasmic protein
UniProt Gene Name	malE
UniProt Entry Name	MALE_ECOLI

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.