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MBP tag Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22162a

Product Information

Application	WB, E
Primary Accession	P0AEX9
Other Accession	P0AEY0
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB55937
Calculated MW	43388

Additional Information

Gene ID	75169489;75204178;948538
Other Names	Maltose-binding periplasmic protein, MBP, MMBP, Maltodextrin-binding protein, malE
Target/Specificity	This MBP tag antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide of MBP tag.
Dilution	WB~~1:2000 E~~Use at an assay dependent concentration.
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.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	MBP tag Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	malE {ECO:0000303|PubMed:4215651}
Function	Part of the ABC transporter complex MalEFGK involved in maltose/maltodextrin import. Binds maltose and higher maltodextrins such as maltotriose.
Cellular Location	Periplasm.

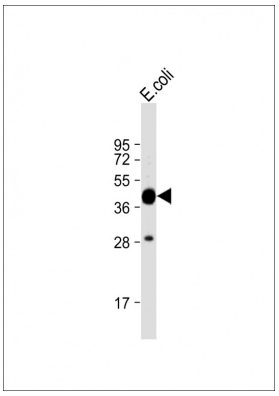
Background

Involved in the high-affinity maltose membrane transport system MalEFGK. Initial receptor for the active transport of and chemotaxis toward maltooligosaccharides.

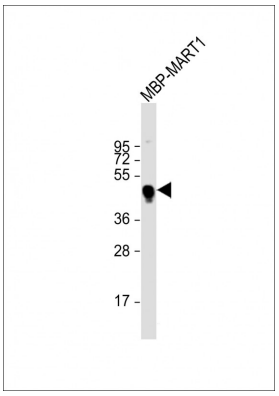
References

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Hayashi K.,et al.Mol. Syst. Biol. 2:E1-E5(2006).
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Images



Anti-MBP tag Antibody at 1:16000 dilution + E. coli lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 43 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



Anti-MBP tag Antibody at 1:2000 dilution + Recombinant MBP MART1 lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 43 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.