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Product Datasheet

CpxA | Conjugative plasmid expression Antibody, Unconjugated, Rabbit, Polyclonal BYT-ORB303296

Article Name	CpxA Conjugative plasmid expression Antibody, Unconjugated, Rabbit, Polyclonal
Biozol Catalog Number	BYT-ORB303296
Supplier Catalog Number	orb303296
Alternative Catalog Number	BYT-ORB303296-50
Manufacturer	Biorbyt
Host	Rabbit
Category	Molekularbiologie
Application	WB
Species Reactivity	Bacteria
Immunogen	Recombinant CpxA (residues 26 to 168) over-expressed as a N-terminal fusion with His(x6)-tag, which was removed prior to immunization. The antigen originates from enteropathogenic Yersinia pseudotuberculosis YPIII, B1JQV1, NCBI annotated locus tag YPK_4133.
Conjugation	Unconjugated
Product Description	Rabbit polyclonal antibody to CpxA...
Clonality	Polyclonal
Molecular Weight	Expected: 51.8 , Apparent: 52-53 kDa
Form	Lyophilized

Application Dilute	WB: 1:2000
Application Notes	Application Notes: CpxA (Conjugative Plasmid Expression) is the 458 amino acid protein, a bacterial inner membrane histidine protein kinase, responsible for sensing misfolded proteins in the periplasm. It is part of CpxA/CpxR two component signal transduction system, where CpxR is the cognate response regulator. In sensing bacterial envelope stress, the Cpx pathway regulates the production of a number of periplasmic folding and trafficking factors to maintain outer membrane integrity. It is also responsible for global control of virulence factor expression. Alternative name: Integral membrane sensor signal transduction histidine kinase