

Anti-G3P Antibody (6I531)

Product Details

Ig Type:	IgG1
Reactivity:	Enterobacteria phage M13
Conjugation:	Unconjugated
Clone:	6I531
Purification:	Protein G purified

Applications

Western Blot

-Positive WB detected in: 1-3 lanes: Recombinant Enterobacteria phage M13 Attachment protein at 5ng, 10ng, 20ng; 4 lane: Enterobacteria phage M13 Attachment

Verified Activity:	-All lanes: Enterobacteria phage M13 III antibody at 1:1000
	-Secondary: Goat polyclonal to mouse IgG at 1/50000 dilution
	-Predicted band size: 65, 55-70 KDa
	-Observed band size: 65, 55-70 KDa

-Exposure time: 3min

Application:	ELISA, WB
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Properties

Purity:	>95%
Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Enterobacteria phage M13 Attachment Protein (19-424AA)
Antigen Species:	Enterobacteria phage M13
Gene ID:	927334
Uniprot ID:	P69168
Biology Area:	Signal Transduction

Research Background

Plays essential roles both in the penetration of the viral genome into the bacterial host via pilus retraction and in the extrusion process. During the initial step of infection, G3P mediates adsorption of the phage to its primary receptor, the tip of host F-pilus. Subsequent interaction with the host entry receptor tolA induces penetration of the viral DNA into the host cytoplasm. In the extrusion process, G3P mediates the release of the membrane-anchored virion from the cell via its C-terminal domain.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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