



Anti-Legionella Polyclonal antibody (DPABY-176)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Rabbit anti Legionella SPP antibody recognizes Legionella spp, recognizing multiple antigens, and has been shown to be reactive with serogroups 1-12. Rabbit anti Legionella SPP antibody is not absorbed, so may cross-react with related microorganisms.
Target	Legionella
Immunogen	A whole cell preparation of Legionella pneumophila ATCC#33152
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Legionella
Conjugate	Unconjugated
Applications	Immunohistology-Frozen, ELISA
Format	Purified IgG - liquid
Size	1 ml
Buffer	Phosphate buffered saline
Preservative	None
Storage	Store at +4°C or at -20°C if preferred. This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

BACKGROUND

Introduction Legionella pneumophila is a thin, aerobic, pleomorphic, flagellated, non-spore forming, Gram-negative bacterium of the genus Legionella. L. pneumophila is the primary human pathogenic bacterium in this group and is the causative agent of legionellosis or Legionnaires' disease.

Keywords L. pneumophila; Legionella spp.

GENE INFORMATION

Pathway

Androgen Receptor Signaling Pathway; Cytokine-cytokine receptor interaction; Cytosolic DNA-sensing pathway; FoxO signaling pathway; Herpes simplex infection; Influenza A; Intestinal immune network for IgA production; Jak-STAT signaling pathway; NOD-like receptor signaling pathway; Salmonella infection; Toll-like receptor signaling pathway.

References

1. Yáñez, M.A. et al. (2005) Quantitative detection of *Legionella pneumophila* in water samples by immunomagnetic purification and real-time PCR amplification of the dotA gene. *Appl Environ Microbiol.* 71: 3433-41.