



# Rabbit Anti-*L. pneumophila* pal Polyclonal antibody (CABT-CS614)

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

## PRODUCT INFORMATION

Specificity	<i>L. pneumophila</i> pal
Target	<i>L. pneumophila</i> pal
Immunogen	Recombinant Legionella pneumophila Peptidoglycan-associated lipoprotein protein.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	<i>L. pneumophila</i>
Purification	Protein G purified
Conjugate	unconjugated
Applications	ELISA
Format	Liquid
Size	100 µg
Buffer	PBS, pH 7.4, 0.03% Proclin 300, 50% glycerol.
Preservative	0.03% Proclin 300
Storage	Short term: -20°C; Long term: -80°C; Avoid freeze-thaw cycles.

## BACKGROUND

**Introduction**

Legionella pneumophila (L.pneumophila) is a Gram-negative small microorganism, which is widely found in nature and man-made water systems. L.pneumophila contains multiple virulence factors, such as peptidoglycan-associated lipoprotein (PAL), flagellin (FlaA), and type IV pilin (PilE). PAL is a 19kDa outer membrane lipoprotein, and as a species distinctive immunodominant component can be served as a diagnostic indicator for L.pneumophila infection.

**Keywords**

Legionella pneumophila pal; Legionella pneumophila; L. pneumophila pal; L. pneumophila