

## Product Information

### Polyclonal Antibody to Lipopolysaccharide (LPS)

**CAT#:** ANT47

Lipopolysaccharide (LPS) is a glycolipid complex unique to bacteria that can activate the human immune system. LPS is a unique component of the exine cell wall of Gram-negative bacteria, which varies greatly among different strain types and is mainly composed of lipids and polysaccharides. LPS binds to host cell surface receptors, activates the expression of inflammatory cytokine genes and causes an inflammatory response, and initiates the pathogenic process of bacterial infection.

#### Product Information

<b>NavID</b>	Polyclonal Antibody to LPS
<b>Category</b>	Polyclonal Antibody to LPS
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Immunogen</b>	BSA Conjugated Lipopolysaccharide (LPS)
<b>Form</b>	0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol
<b>Application</b>	ELISA, CLIA, IHC-Fr, ICC, IP
<b>Storage</b>	-20°C, 4°C
<b>Usage</b>	Immunohistochemistry: 5-20µg/mL, Immunocytochemistry: 5-20µg/mL, Optimal working dilutions must be determined by end user.
<b>Concentration</b>	0.34 mg/mL
<b>Size</b>	20µL, 100µL, 200µL, 1mL, 10mL
<b>Buffer</b>	0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
<b>Purify</b>	Antigen-specific affinity chromatography followed by Protein A affinity chromatography