



# Anti-Xaphf polyclonal antibody [AP] (CABT-BL6302)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	Antiserum is developed in rabbit using pure cultures of bacteria as immunogen.
<b>Source/Host</b>	Rabbit
<b>Purification</b>	caprylic acid purified
<b>Conjugate</b>	AP
<b>Applications</b>	ELISA
<b>Format</b>	Liquid
<b>Size</b>	0.2 ml/1 ml
<b>Buffer</b>	In 0.05 M TRIS buffer, pH 8.0 and 50% glycerol.
<b>Storage</b>	The antibody should be stored at 2-8°C. For storage longer than one year, the solution may be frozen at -20°C. Repeated freezing and thawing is not recommended. The solution may be frozen in aliquots if necessary. The antibody has a shelf-life of 2 years after date of purchase.

## BACKGROUND

<b>Introduction</b>	<p>The common bean (<i>Phaseolus vulgaris</i> L.) is one of the most important crops worldwide in both economic and nutritional aspects. Common and fuscous blights of bean caused by <i>Xanthomonas axonopodis</i> pv. <i>phaseoli</i> and its variant "<i>Xanthomonas axonopodis</i> pv. <i>phaseoli</i> var. <i>fuscans</i>" (proposed name) occur frequently in temperate and tropical climates. Common blight, including fuscous blight, is one of the five major diseases of beans leading to important yield losses. Symptoms and epidemiology of these two diseases and ecology of the pathogens are thought to be similar, fuscous strains being generally more aggressive than <i>X. axonopodis</i> pv. <i>phaseoli</i> strains.</p>
<b>Keywords</b>	<i>Xanthomonas axonopodis</i> pv. <i>phaseoli</i> var. <i>fuscans</i> ; Xaphf