



# Anti-L-Phenylalanine polyclonal antibody (DPAB-DC4505)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	This antibody allows direct L-Tyrosine visualization in whole mount, tissue sections.
<b>Specificity</b>	When tested in competitive ELISA, the anti-conjugated L-Tyrosine antibody do not show significant cross-reactivity with several competitors including L-Tyrosine and L-DOPA conjugates.
<b>Immunogen</b>	L-Phenylalanine conjugated with carrier protein.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	N/A
<b>Purification</b>	Purified anti-serum
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ICC/IF, ELISA Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
<b>Format</b>	Liquid
<b>Size</b>	50 µl
<b>Buffer</b>	PBS, pH 7.4
<b>Preservative</b>	None

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<b>Storage</b>	Store at 4°C on dry atmosphere. After reconstitution with deionized water, store at -20°C. Aliquot to avoid repeated freezing and thawing.
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## BACKGROUND

<b>Introduction</b>	Phenylalanine (abbreviated as Phe or F) is an $\alpha$ -amino acid with the formula C <sub>6</sub> H <sub>5</sub> CH <sub>2</sub> CH(NH <sub>2</sub> )COOH. This essential amino acid is classified as nonpolar because of the hydrophobic nature of the benzyl side chain. L-Phenylalanine (LPA) is an electrically neutral
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<b>Keywords</b>	L-Phenylalanine
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