



# Anti-Cyanine polyclonal antibody (DPAB21436)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Sheep Anti-Cyanine Polyclonal Antibody
<b>Target</b>	Cyanine
<b>Immunogen</b>	A mixture of Cy3 and Cy5 conjugated KLH
<b>Isotype</b>	IgG
<b>Source/Host</b>	Sheep
<b>Species Reactivity</b>	N/A
<b>Purification</b>	This product was prepared from monospecific antiserum by immunoaffinity chromatography using a cyanine BSA conjugate coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis result
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA, WB, IHC, IA, IP
<b>Format</b>	Liquid (sterile filtered)
<b>Concentration</b>	1.06 mg/mL by UV absorbance at 280 nm
<b>Size</b>	1 mg
<b>Buffer</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Preservative</b>	None
<b>Storage</b>	Store vial at 4°C prior to opening. This product is stable at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage, mix with an equal volume of glycerol, aliquot contents and freeze at -20°C or below. Avoid cycles of freezi

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## BACKGROUND

### Introduction

Cyanine is a non-systematic name of a synthetic dye family belonging to polymethine group. The word cyanin is from the English word "cyan", which conventionally means a shade of blue-green (close to "aqua") and is derived from the Greek "kyanos" which means a somewhat different color: "dark blue". Cyanines were and are still used in industry, and more recently in biotechnology (labeling, analysis). Cyanines have many uses as fluorescent dyes, particularly in biomedical imaging. Depending on the structure, they cover the spectrum from IR to UV. There are a large number reported in the literature.

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### Keywords

cyan; kyanos; Sheep Anti-Cyanine Polyclonal Antibody; Anti-Cyanine Polyclonal Antibody; Cyanine Polyclonal Antibody Sheep Anti-Cyanine PAb; Anti-Cyanine PAb; Cyanine PAb; Sheep Anti-Cyanine Antibody; Anti-Cyanine Antibody; Cyanine Antibody

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