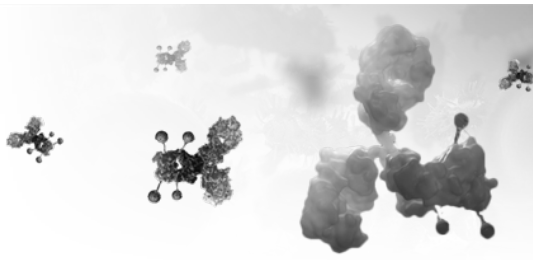

Anti-P. pastoris polyclonal antibody (DPBT-66914RP)

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

PRODUCT INFORMATION

Product Overview	Rabbit Anti Pichia PastorisRabbit Anti Pichia Pastoris
Immunogen	P. pastoris whole cells
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Yeast
Conjugate	Unconjugated
Applications	IHC, ELISA, IF, WB
Format	Purified IgG - liquid
Concentration	IgG concentration 4.0 mg/ml
Size	1 ml
Buffer	Phosphate buffered saline
Preservative	0.09% Sodium Azide
Storage	Store at +4 °C or at -20 °C if preferred.Storage in frost-free freezers is not recommended.This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

BACKGROUND

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Introduction	Pichia pastoris, a methylotrophic yeast, has been used as a heterologous protein expression system. It combines many of the benefits of E. coli expression with the advantages of expression in an eukaryotic system such as protein processing, folding, and posttranslational modifications. Pichia pastoris is capable of metabolising methanol as the sole carbon source. The first step in the metabolism of methanol is the oxidation of methanol to formaldehyde by the enzyme, alcohol oxidase. Expression of this enzyme, coded for by the AOX1 gene, is tightly regulated and induced by methanol to very high levels:- typically >30% of the total soluble protein in the cells.
Keywords	Ascomycota; Saccharomycetes; Saccharomycetales; Saccharomycetaceae; Pichia; P. pastoris; Pichia pastoris

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221