

Datasheet: AHP1805

Description:	RABBIT ANTI HUMAN PI-3 KINASE p110 SUBUNIT DELTA (C-TERMINAL)
Specificity:	PI-3 KINASE p110 SUBUNIT DELTA (C-TERMINAL)
Other names:	p110 DELTA
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			1/75000
Immunoprecipitation			▪	
Western Blotting	▪			1/3000

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species Human

Product Form Purified IgG - liquid

Antiserum Preparation Antiserum to p110 delta (CT) was raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared by affinity chromatography.

Buffer Solution Phosphate buffered saline

Preservative <0.1% Sodium Azide (NaN₃)
Stabilisers 0.1% Bovine Serum Albumin

Approx. Protein Concentrations IgG concentration 1.0mg/ml

Immunogen	Synthetic peptide SWKTKVNWLAHNVSKDNRQ with added cysteine, corresponding to amino acids 1026-1044 within the C-terminal region of human PI3-Kinase p110 subunit delta.
External Database Links	<p>UniProt: O00329 Related reagents</p> <p>Entrez Gene: 5293 PIK3CD Related reagents</p>
RRID	AB_2165262
Specificity	<p>Rabbit anti Human PI-3 kinase subunit Delta recognizes an epitope within the C-terminal (CT) region of human PI3-kinase p110 subunit delta (Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit delta), a member of the PI3/PI4-kinase family of lipid kinases, implicated in the regulation of signal transduction during cell growth.</p> <p>PI3-kinase is a heterodimer consisting of a p85 regulatory subunit and a p110 catalytic subunit, which itself is divided into isoforms p110alpha, p110beta, p110delta and p110gamma. Expression of p110delta is predominantly restricted to leucocytes, exhibits a broad phosphoinositide lipid substrate specificity, and binds to Ras-GTP and p85.</p> <p>Rabbit anti Human PI-3 kinase subunit Delta is suitable for use in immunocytochemistry.</p>
ELISA	This product is suitable for use in indirect ELISA applications.
Storage	<p>Store at -20°C only.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>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.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10041 available at: 10041: https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
- Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
- Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
- Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Recommended Useful Reagents

TidyBlot WESTERN BLOT DETECTION REAGENT:HRP (STAR209P)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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