

Datasheet: AHP2615

Description:	RABBIT ANTI FOCAL ADHESION KINASE (pTyr576/pTyr577)
Specificity:	FOCAL ADHESION KINASE (pTyr576/pTyr577)
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µl

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
Western Blotting	▪			1/500 - 1/2000

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 focal adhesion kinase (pTyr576/pTyr577) was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.02% Sodium Azide 50% Glycerol
Immunogen	Phospho specific-peptide corresponding to residues surrounding tyrosine 576/ tyrosine 577 of human focal adhesion kinase
External Database Links	UniProt: Q05397 Related reagents

Entrez Gene:[5747](#) PTK2 [Related reagents](#)

Synonyms	FAK, FAK1
Specificity	Rabbit anti focal adhesion kinase (pTyr576/pTyr577) antibody recognizes focal adhesion kinase, also known as FAK, when phosphorylated at tyrosine 576/ tyrosine 577. Focal adhesion kinase is a highly conserved tyrosine kinase with roles in several biological processes including adhesion, migration and cell survival. FAK consists of four domains, an N-terminal FERM domain; a catalytic tyrosine kinase domain; a C-terminal focal-adhesion targeting (FAT) domain and an unstructured proline rich region between the catalytic and FAT domains. Phosphorylation of FAK at tyrosine 576/577 by Src leads to an increase in the kinase activity of FAK.
Storage	Store at -20°C 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.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10049 available at: 10049: https://www.bio-rad-antibodies.com/uploads/MSDS/10049.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](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

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](https://www.bio-rad-antibodies.com/datasheets)
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