

Product Datasheet

PYK2/FAK2 Antibody H00002185-D01P

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00002185-D01P

PYK2/FAK2 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.4)

Product Description	
Description	Quality control test: Antibody reactive against mammalian transfected lysate.
Host	Rabbit
Gene ID	2185
Gene Symbol	PTK2B
Species	Human, Rat
Specificity/Sensitivity	PTK2B - PTK2B protein tyrosine kinase 2 beta,
Immunogen	PTK2B (AAH36651.1, 1 a.a. - 1009 a.a.) full-length human protein. MSGVSEPLSRVKLGTLRRPEGPAEPMVVVPVDVEKEDVRILKVCFYSNSFNPG KNFKLVKCTVQTEIREIITSILLSGRIGPNIRLAECYGLRLKHMKSDEIHWLHPQM TVGEVQDKYECLHVEAEWRYDLQIRYLPEDFMESLKEDRTTLLYFYQQLRNDY MQRYASKVSEGMAQLGCELRFFKDMPHNALDKKSNFELLEKEVGLDLFFP KQMQUENLKPQFRKMIQQTQQYASLREEECVMKFFNTLAGFANIDQETYRCE LIQGWNITVDLVIGPKGIRQLTSQDAKPTCLAEFKQIRSIRCLPLEEGQAVLQLGI EGAPQALSITSSLAEAENMADLIDGYCRLQGEHQGSLIHPRKDGEKRNSLPQI PMLNLEARRSHLSESCSIESDIYAEIPDETLRRPGGPQYGIAREDVVLNRILGEG FFGEVYEGVYTNHKGKINAVKTKCKDCTLDNKEKFMSEAVIMKNLDHPIVK LIGIIIEEPTWIIMELYPYGELGHYLERNNKNSLKVLTVLVLSLQICKAMAYLESINC VHRDIAVRNILVASPECVKLGDFGLSRYIEDEDYYKASVTRLPIKWMSPEINFR RFTTASDVWMFAVCMWEILSFGKQPFWFLENKDVIGVLEKGDRLPKPDLCPPV LYTLMTRCWDYDPSDRPRFTELVCSLSDVYQMEKDIAMEQERNARYRTPKILE PTAFQEPPPKPSRPKYRPPQTNLLAPKLQFQVPEGLCASSPTLTSPMEYPS VNSLHTPPLHRHNVFKRHSMREEDFIQPSSREEAQQWLWEAEKVVMRQILDKQ QKQMVEDYQWLRQEEKSLDPMVYMNDKSPLTPEKEVGYLEFTGPPQKPPRL GAQSIQPTANLDRDLDVYLVNVMELVRAVLELKNELCQLPPEGYVVVVKNVGL TLRKLIGSVDDLPSLPSSSRTEIEGTQKLLNKDLAELINKMRLAQQNAVTSLSE ECKRQMLTASHTLAMDAKNLLDAVDQAKVLANLAHPPAE
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/Immunofluorescence, Proximity Ligation Assay
Recommended Dilutions	Western Blot, Immunocytochemistry/Immunofluorescence, Proximity Ligation Assay

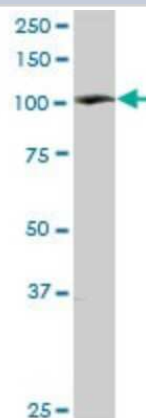


Application Notes

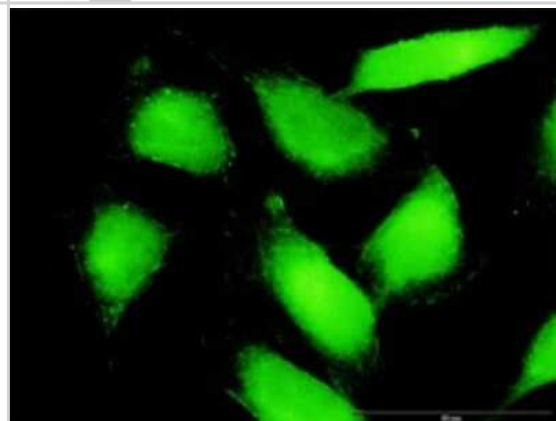
Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB and also on transfected lysate in WB. GST tag alone is used as a negative control.

Images

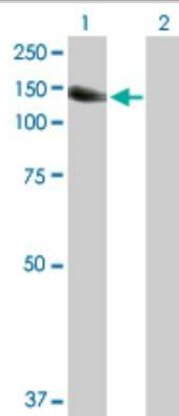
Western Blot: PYK2/FAK2 Antibody [H00002185-D01P] - Analysis of PTK2B expression in rat brain.



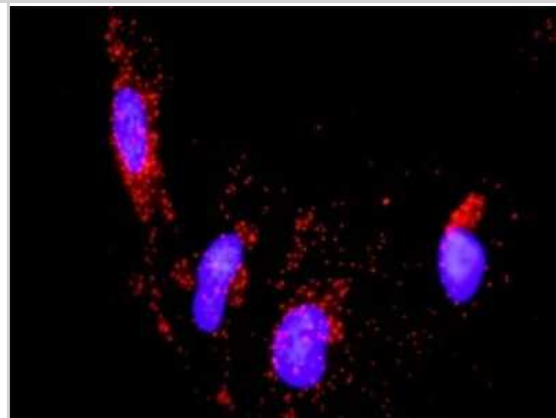
Immunocytochemistry/Immunofluorescence: PYK2/FAK2 Antibody [H00002185-D01P] - Analysis of antibody to PTK2B on HeLa cell. Antibody concentration 30 ug/ml.



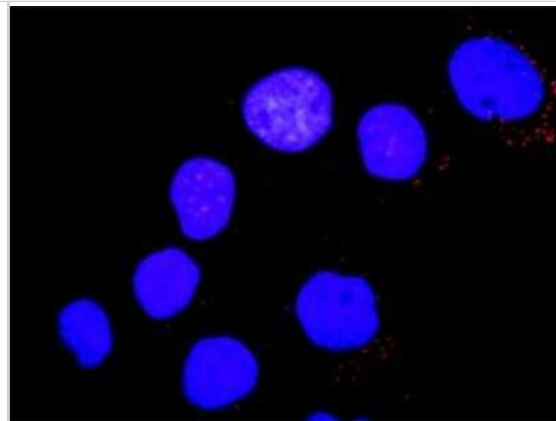
Western Blot: PYK2/FAK2 Antibody [H00002185-D01P] - Analysis of PTK2B expression in transfected 293T cell line by PTK2B polyclonal antibody. Lane 1: PTK2B transfected lysate(115.90 KDa). Lane 2: Non-transfected lysate.



Proximity Ligation Assay: PYK2/FAK2 Antibody [H00002185-D01P] - Analysis of protein-protein interactions between PTK2B and ERBB2. HeLa cells were stained with anti-PTK2B rabbit purified polyclonal 1:1200 and anti-ERBB2 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



Proximity Ligation Assay: PYK2/FAK2 Antibody [H00002185-D01P] - Analysis of protein-protein interactions between PTK2B and YES1. Huh7 cells were stained with anti-PTK2B rabbit purified polyclonal 1:1200 and anti-YES1 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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