



Datasheet for ABIN2785801
anti-FRK antibody (Middle Region)



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2 Images

1 Publication

Overview

Quantity:	100 µL
Target:	FRK
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Pig, Dog, Guinea Pig, Cow, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FRK antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human FRK
Sequence:	DLSYKTVDQW EIDRNSIQLL KRLGSGQFGE VWEGLWNNTT PVAVKTLKPG
Predicted Reactivity:	Cow: 93%, Dog: 86%, Guinea Pig: 79%, Horse: 93%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against FRK. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	FRK
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Target Details

Alternative Name:	FRK (FRK Products)
Background:	<p>FRK belongs to the TYR family of protein kinases. This tyrosine kinase is a nuclear protein and may function during G1 and S phase of the cell cycle and suppress growth. The protein encoded by this gene belongs to the TYR family of protein kinases. This tyrosine kinase is a nuclear protein and may function during G1 and S phase of the cell cycle and suppress growth.</p> <p>Alias Symbols: GTK, PTK5, RAK</p> <p>Protein Interaction Partner: SF3B4, BNIP2, CSK, HSP90AA1, FYN, KHDRBS1, PTEN, RB1,</p> <p>Protein Size: 505</p>
Molecular Weight:	58 kDa
Gene ID:	2444
NCBI Accession:	NM_002031 , NP_002022
UniProt:	P42685

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 505 AA
Restrictions:	For Research Use only

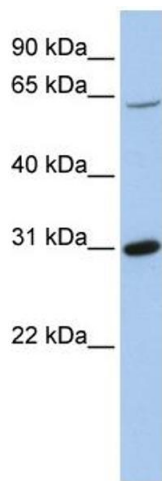
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Gerhard, Wagner, Feingold, Shenmen, Grouse, Schuler, Klein, Old, Rasooly, Good, Guyer, Peck, Derge, Lipman, Collins, Jang, Sherry, Feolo, Misquitta, Lee, Rotmistrovsky, Greenhut, Schaefer, Buetow et al.: "The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). ..." in: **Genome research**, Vol. 14, Issue 10B, pp. 2121-7, (2004) ([PubMed](#)).

Images

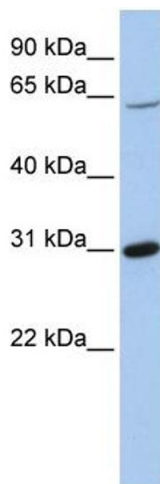


Western Blotting

Image 1. WB Suggested Anti-FRK Antibody Titration: 0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: 721_B cell lysate



Western Blotting

Image 2. WB Suggested Anti-FRK

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:12500

Positive Control: 21_B cell lysate

FRK is supported by BioGPS gene expression data to be expressed in 721_B