

Datasheet for ABIN2777993

anti-PIK3R3 antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	PIK3R3
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Rabbit, Dog, Guinea Pig, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIK3R3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human PIK3R3
Sequence:	EYRTSQEIQ MKRTAIEAFN ETIKIFEEQC HTQEQHSKEY IERFRREGNE
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against PIK3R3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	PIK3R3
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Target Details

Alternative Name:	PIK3R3 (PIK3R3 Products)
Background:	PIK3R3 binds to activated (phosphorylated) protein-tyrosine kinases through its SH2 domain and regulates their kinase activity. During insulin stimulation, it also binds to IRS-1. Alias Symbols: DKFZp686P05226, FLJ41892, p55-GAMMA, p55 Protein Interaction Partner: FSD2, L3MBTL3, TRIM54, IRS4, LYN, MBIP, KHDRBS1, GRB2, ERBB3, ERBB2, EGFR, PIK3R2, CRK, RING1, QARS, PSME1, ORM1, KARS, GC, FGB, DARS, AMBP, VBP1, FBN3, DSN1, KLC2, MICAL1, KIAA1377, LUC7L2, TRMT2A, ABCB6, SERF1A, DRAP1, IRS2, TEC, RB1, PDGFRB, PIK3CA, IN Protein Size: 461
Molecular Weight:	54 kDa
Gene ID:	8503
NCBI Accession:	NM_003629 , NP_003620
UniProt:	Q92569

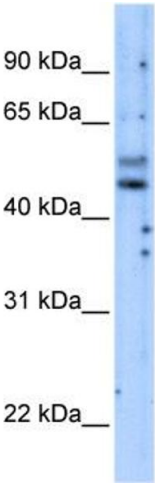
Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 461 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.



Western Blotting

Image 1. WB Suggested Anti-PIK3R3 Antibody Titration:
5.0ug/ml Positive Control: Transfected 293T