



Datasheet for ABIN2786048
anti-PIK3R4 antibody (N-Term)



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1 Image

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Overview

Quantity:	100 µL
Target:	PIK3R4
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Guinea Pig, Horse, Cow, Dog, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIK3R4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human PIK3R4
Sequence:	HDLPEKAEGE PKENGLVILV SVITSCLQTL KYCDSKLAAL ELILHLAPRL
Predicted Reactivity:	Cow: 86%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against PIK3R4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	PIK3R4
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Target Details

Alternative Name:	PIK3R4 (PIK3R4 Products)
Background:	<p>The protein can regulate subunit of the PI3K complex. May regulate membrane trafficking late in the endocytic pathway.</p> <p>Alias Symbols: MGC102700, VPS15, p150</p> <p>Protein Interaction Partner: BECN1, ATG14, UBC, KIAA0226, YWHAE, KRIT1, YWHAB, MAP1LC3C, UVRAG, PIK3C3, MAPRE1,</p> <p>Protein Size: 1358</p>
Molecular Weight:	153 kDa
Gene ID:	30849
NCBI Accession:	NM_014602 , NP_055417
UniProt:	Q99570

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1358 AA
Restrictions:	For Research Use only

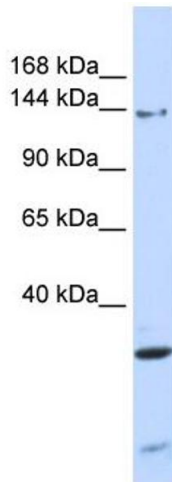
Handling

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: Ewing, Chu, Elisma, Li, Taylor, Climie, McBroom-Cerajewski, Robinson, OConnor, Li, Taylor, Dharsee, Ho, Heilbut, Moore, Zhang, Ornatsky, Bukhman, Ethier, Sheng, Vasilescu, Abu-Farha, Lambert, Duewel et al.: "Large-scale mapping of human protein-protein interactions by mass spectrometry. ..." in: **Molecular systems biology**, Vol. 3, pp. 89, (2007) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-PIK3R4 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:62500

Positive Control: 293T cell lysate