

Datasheet for ABIN2784556
anti-PAXIP1 antibody (N-Term)[Go to Product page](#)

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Overview

Quantity:	100 µL
Target:	PAXIP1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Zebrafish (Danio rerio), Dog, Rabbit, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAXIP1 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 PAXIP1
Sequence:	MFDDSSDSSP EKQERNLNWT PAEVPQLAAA KRRLPQGKEP GLINLCANVP
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against PAXIP1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	PAXIP1
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Target Details

Alternative Name:	PAXIP1 (PAXIP1 Products)
Background:	<p>PAXIP1 functions as a key component of the DNA damage response, and phosphoserine or phosphothreonine-specific binding modules. PAXIP1 recognizes substrates phosphorylated by the kinases ataxia telangiectasia-mutated (ATM), ataxia telangiectasia and RAD3-related (ATR) in response to gamma irradiation. It may play a role in PAX2-dependent transcriptional regulation. PAXIP1 plays a role in early development, most probably in cell proliferation.</p> <p>Alias Symbols: PTIP, TNRC2, CAGF28, CAGF29, PACIP1, PAXIP1L, FLJ41049</p> <p>Protein Interaction Partner: MAPRE2, POM121, NXT1, PPARG, XAGE1E, SMAD2, SPATA18, COMTD1, BTBD16, DIS3L, LACTB, HNRNPLL, ZNF251, ZNF622, BTBD6, C7orf50, FAM175A, TMEM120A, FAHD1, TM2D3, ATHL1, CENPU, DYNC2H1, BRCC3, KRI1, ANAPC1, NOM1, POLR1E, NCAPG, AASDHPPT, RBM25, CATSPERG, WDR48,</p> <p>Protein Size: 697</p>
Molecular Weight:	74 kDa
Gene ID:	22976
NCBI Accession:	NM_007349
UniProt:	Q6ZW49
Pathways:	Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 697 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

Handling

	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.

Images



Western Blotting

Image 1. WB Suggested Anti-PAXIP1 Antibody Titration: 0.2-1 ug/ml Positive Control: 721_B cell lysate PAXIP1 is supported by BioGPS gene expression data to be expressed in 721_B