

Rabbit anti-Human PHACTR3 Polyclonal Antibody | anti-PHACTR3 antibody

PHACTR3 Antibody (N-term)

CATALOG # AAA284663	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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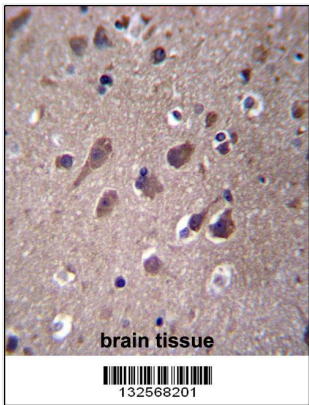
PRODUCT SYNONYMS

PHACTR3; Polyclonal Antibody; PHACTR3 Antibody (N-term); Phosphatase and actin regulator 3; Scaffold-associated PP1-inhibiting protein; Scapinin; C20orf101; SCAPIN1; anti-PHACTR3 antibody

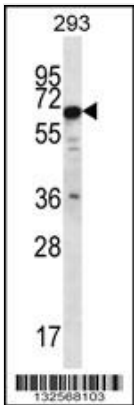
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PHACTR3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 17-46 amino acids from the N-terminal region of human PHACTR3.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.39 (varies by lot)
Sequence Positions	17-46
Sequence Length	556
Applicable Applications for anti-PHACTR3 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
PHACTR3 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of PHACTR3 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
PHACTR3 Antibody (N-term) western blot analysis in 293 cell line lysates (35ug/lane).This demonstrates the PHACTR3 antibody detected the PHACTR3 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-PHACTR3 antibody	The protein encoded by this gene is associated with the nuclear scaffold in proliferating cells. It was found to bind to the catalytic subunit of protein phosphatase-1 (PP1) and inhibit PP1 activity, suggesting that this protein may function as a regulatory subunit of PP1. Alternative splicing at this locus results in several transcript variants encoding different isoforms.
Product Categories/Family for anti-PHACTR3 antibody	Signal Transduction
References	Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Bankovic, J., et al. Lung Cancer 67(2):151-159(2010) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Sagara, J., et al. PLoS ONE 4 (1), E4247 (2009) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	313747505
NCBI GeneID	116154
NCBI Accession #	NP_001186434.1; NP_001186435.1; NP_001268436.1; NP_542403.1; NP_899067.1; NP_899069.1
NCBI GenBank Nucleotide #	NM_001199505.1
UniProt Accession #	Q96KR7; Q32P33; Q707P6; Q9H4T4; B1AKX0; B1AN68; B1AN69; B2RB46
Molecular Weight	62552
NCBI Official Full Name	phosphatase and actin regulator 3 isoform 4
NCBI Official Synonym Full Names	phosphatase and actin regulator 3
NCBI Official Symbol	PHACTR3
NCBI Official Synonym Symbols	H17739; SCAPIN1; PPP1R123; SCAPININ; C20orf101
NCBI Protein Information	phosphatase and actin regulator 3
UniProt Protein Name	Phosphatase and actin regulator 3

UniProt Gene Name	PHACTR3
UniProt Synonym Gene Names	C20orf101; SCAPIN1; Scapinin
UniProt Entry Name	PHAR3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/phactr3-antibody-western-blot-immunohistochemistry-elisa/284663>