

Product datasheet for **AP53275PU-N**

PHACTR3 (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100-1/500. Immunohistochemistry on Paraffin Sections: 1/10-1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 24-54 amino acids from the N-terminal region of human PHACTR3
Specificity:	This antibody recognizes Human PHACTR3 (N-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	phosphatase and actin regulator 3
Database Link:	Entrez Gene 116154 Human Q96KR7
Background:	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.

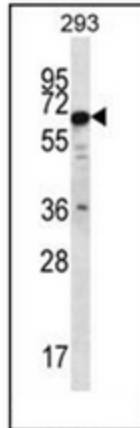


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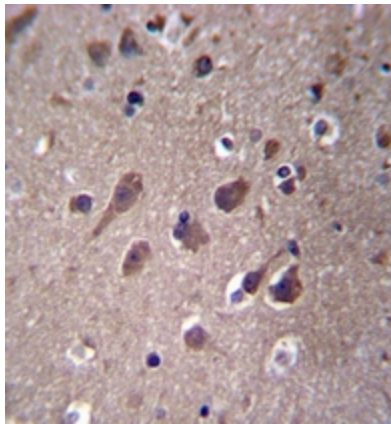
Synonyms: C20orf101, SCAPIN1, Scapinin

Note: **Molecular Weight:** 62552 Da

Product images:



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



Immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue reacted with PHACTR3 Antibody (N-term), which was peroxidase conjugated to the secondary antibody and followed by DAB staining. This data demonstrates the use of PHACTR3 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.