

Rabbit ARHE Polyclonal Antibody | anti-RND3 antibody

ARHE Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287813	Rabbit	Human, mouse (Predicted Reactivity: Pig, Rat)	Immunohistochemistry, ELISA, Western Blot

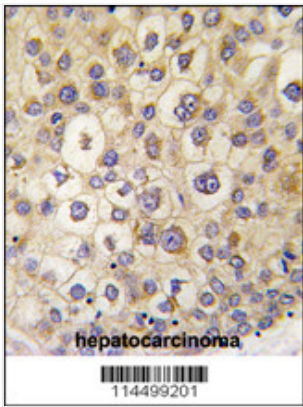
PRODUCT SYNONYMS

ARHE; Polyclonal Antibody; ARHE Antibody (Center); Rho-related GTP-binding protein RhoE; Protein MemB; Rho family GTPase 3; Rho-related GTP-binding protein Rho8; Rnd3; RND3; RHO8; RHOE; anti-RND3 antibody

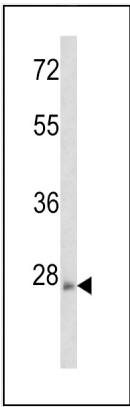
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Pig, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ARHE antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 133-165 amino acids from the Central region of human ARHE.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	133-165
Sequence Length	244
Applicable Applications for anti-RND3 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
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)
Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with ARHE antibody (Center) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of ARHE Antibody (Center) in mouse brain tissue lysates (35ug/lane). ARHE (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-RND3 antibody	Members of the Rho family of Ras-related GTPases, such as ARHE, regulate the organization of the actin cytoskeleton in response to extracellular growth factors. Like Ras (MIM 190020), Rho family members appear to cycle between an inactive GDP-bound form and an active GTP-bound form. Three major regulators of Rho activity have been identified: RhoGDIs, which interact with the GDP-bound Rho proteins to keep them in a resting complex (see MIM 601925); GEFs, which promote GDP/GTP exchange leading to activation of Rho proteins (see MIM 601855); and GAPs, which stimulate GTP hydrolysis and return the activated Rho protein to its inactive form (see MIM 602680) (Nobes et al., 1998 [PubMed 9531558]).
Product Categories/Family for anti-RND3 antibody	Cancer; Signal Transduction
References	Pinner,S., Nat. Cell Biol. 10 (2), 127-137 (2008) Poch,E., Exp. Cell Res. 313 (4), 719-731 (2007) Ongusaha,P.P., Curr. Biol. 16 (24), 2466-2472 (2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	362999085
NCBI GeneID	390
NCBI Accession #	NP_001241667.1 ; NP_005159.1
NCBI GenBank Nucleotide #	NM_001254738.1
UniProt Accession #	P61587 ; P52199 ; D3DP95
Molecular Weight	27368
NCBI Official Full Name	rho-related GTP-binding protein RhoE
NCBI Official Synonym Full Names	Rho family GTPase 3
NCBI Official Symbol	RND3
NCBI Official Synonym Symbols	ARHE; Rho8; RhoE; memB
NCBI Protein Information	rho-related GTP-binding protein RhoE
UniProt Protein Name	Rho-related GTP-binding protein RhoE
UniProt Gene Name	RND3

UniProt Synonym Gene Names	ARHE; RHO8; RHOE
UniProt Entry Name	RND3_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://stage.aaabiotech.com/polyclonal/arhe-antibody-immunohistochemistry-western-blot-elisa/287813>