

Rabbit RND3 Polyclonal Antibody | anti-RND3 antibody

RND3 Antibody

CATALOG # AAA323135	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	--	---

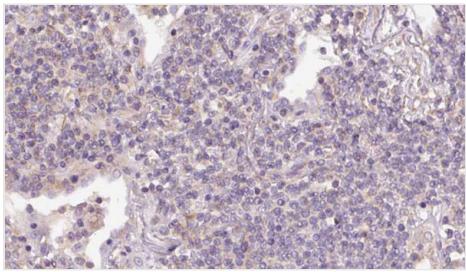
PRODUCT SYNONYMS

RND3; Polyclonal Antibody; RND3 Antibody; ARHE; memB; Protein MemB; Ras homolog gene family member E; Rho family GTPase 3; Rho-related GTP-binding protein Rho8; Rho-related GTP-binding protein RhoE; Rho8; RhoE; Rnd3; RND3_HUMAN; Small GTP binding protein Rho8; anti-RND3 antibody

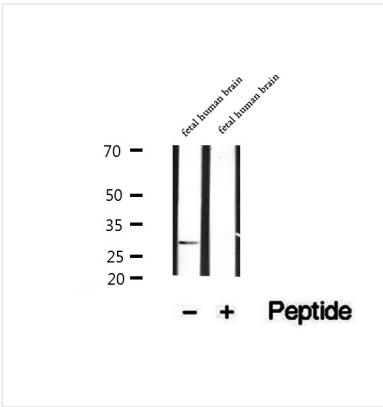
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	RND3 antibody detects endogenous levels of RND3.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	244
Applicable Applications for anti-RND3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human RND3.
Subcellular Location	Golgi Apparatus Membrane.
Tissue Specificity	Ubiquitous.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA323135 at 1/100 staining Human lymph cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts of fetal human brain tissue, using RND3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-RND3 antibody	Function: Binds GTP but lacks intrinsic GTPase activity and is resistant to Rho-specific GTPase-activating proteins. Subunit Structure: Binds ROCK1 (By similarity). Interacts with UBXD5. Similarity: Belongs to the small GTPase superfamily. Rho family.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	362999085
NCBI GeneID	390
NCBI Accession #	NP_001241667.1
NCBI GenBank Nucleotide #	NM_001254738.1
UniProt Accession #	P61587; P52199; D3DP95
Molecular Weight	Observed: 29 kDa Predicted: 28 kDa
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

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.