

Rabbit RDX Polyclonal Antibody | anti-RDX antibody

RDX Antibody

CATALOG # AAA325030	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunocytochemistry, Immunofluorescence, Western Blot
-------------------------------	-----------------------	--	---

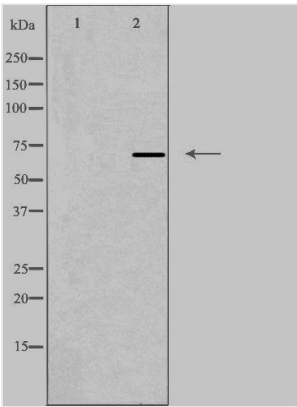
PRODUCT SYNONYMS

RDX; Polyclonal Antibody; RDX Antibody; CB567; CG12537; DFN24; ESP10; Hh-induced MATH and BTB domain-containing protein; HIB; Moesin-B; Protein roadkill; RADI_HUMAN; Radixin; anti-RDX antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	RDX antibody detects endogenous levels of total RDX
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	604
Applicable Applications for anti-RDX antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane. Cytoplasm > Cytoskeleton. Cleavage furrow. Highly concentrated in the undercoat of the cell-to-cell adherens junction and the cleavage furrow in the interphase and mitotic phase, respectively.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Bovine (92%), Horse (100%), Sheep (92%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from HuvEc cells, using RDX antibody.



IF (Immunofluorescence)

AAA325030 staining HuvEc cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-RDX antibody	Function: Probably plays a crucial role in the binding of the barbed end of actin filaments to the plasma membrane. Subunit Structure: Binds SLC9A3R1 (PubMed:9430655). Interacts with NHERF1, NHERF2, LAYN, MME/NEP and ICAM2. Interacts with CPNE1 (via VWFA domain) and CPNE4 (via VWFA domain). Interacts with SPN and CD44 (By similarity). Post-translational Modifications: Phosphorylated by tyrosine-protein kinases. Phosphorylation by ROCK2 suppresses the head-to-tail association of the N-terminal and C-terminal halves resulting in an opened conformation which is capable of actin and membrane-binding (By similarity). Similarity: The N-terminal domain interacts with the C-terminal domain of LAYN. An interdomain interaction between its N-terminal and C-terminal domains inhibits its ability to bind LAYN. In the presence of acidic phospholipids, the interdomain interaction is inhibited and this enhances binding to LAYN (By similarity).
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	386781550
NCBI GeneID	5962
NCBI Accession #	NP_001247421.1
NCBI GenBank Nucleotide #	NM_001260492.1
UniProt Accession #	P35241; Q86Y61; A7YIJ8; A7YIK0; A7YIK3; B7Z9U6; F5H1A7
Molecular Weight	Observed: 69 kD Predicted: 69 kDa
NCBI Official Full Name	radixin isoform 1
NCBI Official Synonym Full Names	radixin
NCBI Official Symbol	RDX
NCBI Official Synonym Symbols	DFNB24
NCBI Protein Information	radixin
UniProt Protein Name	Radixin
UniProt Gene Name	RDX

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.

