

Goat REP1 Polyclonal Antibody | anti-REP1 antibody

REP1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA63079	Goat	Human, mouse, rat, bovine, canine, chicken/avian, donkey, feline, goat, guinea pig, hamster, horse, porcine, rabbit, sheep, simian	Western Blot

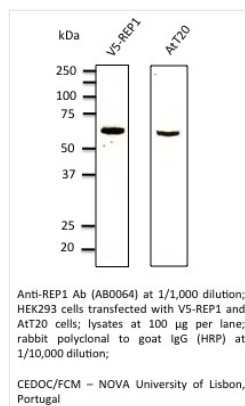
PRODUCT SYNONYMS

REP1; Polyclonal Antibody; REP1 Polyclonal Antibody; Anti-REP1; CHM; choroideraemia protein; DXS540; GGTA; HSD-32; RP1-93L7.1; rab escort protein 1; Rab geranylgeranyltransferase component A; REP-1; TCD antibody; anti-REP1 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Human, mouse, rat, bovine, canine, chicken/avian, donkey, feline, goat, guinea pig, hamster, horse, porcine, rabbit, sheep, simian
Clonality	Polyclonal
Isotype	IgG
Specificity	Detects endogeneous Rep1 and in transfected cells by Western blot.
Form/Format	Polyclonal antibody supplied as (3 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.
Sequence Length	66
Applicable Applications for anti-REP1 antibody	WB (Western Blot)
Gene Identifier	ENSG00000188419
Immunogen	Purified recombinant peptide derived from within residues 1-80 aa at the N-terminus of rat Rep1 produced in E. coli.
Antigen	Purified recombinant peptide derived from within residues 1-80 aa at the N-terminus of rat Rep1 produced in E. coli.
Preparation and Storage	For continuous use, store at 2-8 deg:C for one-two days. For extended storage, store in -20 deg:C freezer. Working dilution samples should be discarded if not used within 12 hours.

IMAGES



Reactivity chart				
Sample	Western Blot	Immunofluorescence	Immunohistochemistry (p)	Immunohistochemistry (f)
human	+++	ND	ND	ND
rat	+++	ND	ND	ND
mouse	+++	ND	ND	ND
canine	+++	ND	ND	ND
monkey	+++	ND	ND	ND

Reactivity Data

Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-REP1 antibody	Choroideremia (Rab escort protein 1) REP1 is the component A of the RAB geranylgeranyl transferase holoenzyme. In the dimeric holoenzyme, this subunit binds unprenylated Rab GTPases and then presents them to the catalytic Rab GGTase subunit for the geranylgeranyl transfer reaction. Mutations in this protein are a cause of a type of retinal degeneration, called choroideremia.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	37595778
NCBI GeneID	2610358
NCBI Accession #	NP_932176.1
NCBI GenBank Nucleotide #	NC_005127.1
UniProt Accession #	Q8GNZ1
Molecular Weight	8,041 Da
NCBI Official Full Name	Rep1
NCBI Official Symbol	rep1
NCBI Protein Information	truncated replication protein; Rep1
UniProt Protein Name	Rep1
UniProt Gene Name	rep1
UniProt Entry Name	Q8GNZ1_STAAU

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.