

Goat REP1 Polyclonal Antibody | anti-REP1 antibody

REP1 Polyclonal Antibody

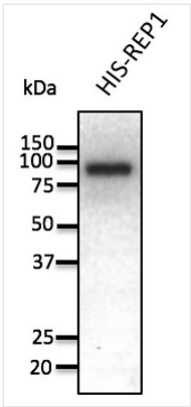
CATALOG # AAA63112	HOST Goat	REACTIVITY Human, Rat, Mouse, Monkey and Canine proteins.	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

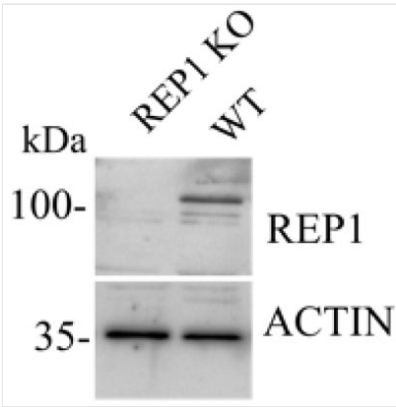
REP1; Polyclonal Antibody; REP1 Polyclonal Antibody; Anti-REP1; CHM; choroideremia protein; DXS540; GGTA; HSD-32; RP1-93L7.1; rab escort protein 1; Rab geranylgeranyltransferase component A; REP-1; TCD antibody; anti-REP1 antibody

PRODUCT SPECIFICATIONS

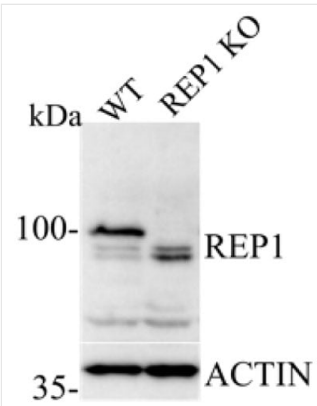
Host	Goat
Reactivity	Human, Rat, Mouse, Monkey and Canine proteins.
Clonality	Polyclonal
Isotype	IgG
Specificity	Detects endogenous Rep1 and in transfected cells by Western blot.
Purity/Purification	Epitope Affinity Purified
Form/Format	Polyclonal antibody supplied as a 200 ul (4 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.
Concentration	4 mg/ml (varies by lot)
Applicable Applications for anti-REP1 antibody	WB (Western Blot)
Immunogen	Purified recombinant peptide derived from within residues 617 aa - stop at the C-terminus of human Rep1 produced in E Coli.
Special instructions	The antibody solution should be gently mixed before use..
Conjugation	Unconjugated
Preparation and Storage	For continuous use, store at 2-8 C for one-two days. For extended storage, store in -20 C freezer. Working dilution samples should be discarded if not used within 12 hours.



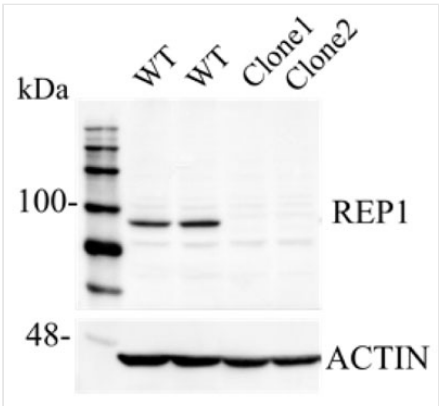
WB (Western Blot)
Anti-REP1 Ab at 1/1,000 dilution; 50 ng of recombinant protein per lane; rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution.



WB (Western Blot)
IPS cells



WB (Western Blot)
ARPE-19 cells



WB (Western Blot)
RPE derived from IPSc

Sample	WB	IHC (F)	IHC (P)	IF	ELISA
Human	+++	ND	ND	ND	ND
Rat	++	ND	ND	ND	ND
Mouse	+++	ND	ND	ND	ND
Canine	+++	ND	ND	ND	ND
Monkey	+++	ND	ND	ND	ND

+++ excellent, ++ good, + poor, ND not determined

Reactivity Data
Reacts with Human, Rat, Mouse, Monkey and Canine proteins

ADDITIONAL INFORMATION

Related Product Information for anti-REP1 antibody

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

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.