

Rabbit anti-Human KNP-I Polyclonal Antibody | anti-C21orf33 antibody

Anti-KNP-I Antibody

CATALOG # AAA262521	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunocytochemistry, Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

KNP-I; Polyclonal Antibody; Anti-KNP-I Antibody; HES1; KNPI; ES1 protein homolog; mitochondrial; Protein GT335; Protein KNP-I; anti-C21orf33 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of KNP-I protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	268
Applicable Applications for anti-C21orf33 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant full length protein of human KNP-I
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of KNP-I staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



WB (Western Blot)

Western blot analysis of KNP-I expression in SW480 (A), HepG2 (B), mouse skin (C), mouse heart (D), rat skeletal muscle (E) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-C21orf33 antibody	Rabbit polyclonal antibody to KNP-I
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NCBI AND UNIPROT INFORMATION

NCBI GI #	999809125
NCBI GeneID	8209

NCBI Accession #	NP_004640.4
NCBI GenBank Nucleotide #	NM_004649.7
UniProt Accession #	P30042; O00650; O00660; O15011; O15012; P55346; P78474; Q92505; Q92507; A6NFJ6; A6NJY7
Molecular Weight	24,758 Da
NCBI Official Full Name	ES1 protein homolog, mitochondrial isoform 1
NCBI Official Synonym Full Names	chromosome 21 open reading frame 33
NCBI Official Symbol	C21orf33
NCBI Official Synonym Symbols	ES1; HES1; KNPH; KNPI; GT335
NCBI Protein Information	ES1 protein homolog, mitochondrial
UniProt Protein Name	ES1 protein homolog, mitochondrial
UniProt Gene Name	C21orf33
UniProt Synonym Gene Names	HES1; KNPI
UniProt Entry Name	ES1_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/ knp-i-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/262521>