

Rabbit RRP8 Polyclonal Antibody | anti-RRP8 antibody

RRP8 Antibody - N-terminal region

CATALOG # AAA201419	HOST Rabbit	REACTIVITY Cow, Horse, Human, Rabbit, Rat	APPLICATIONS Western Blot
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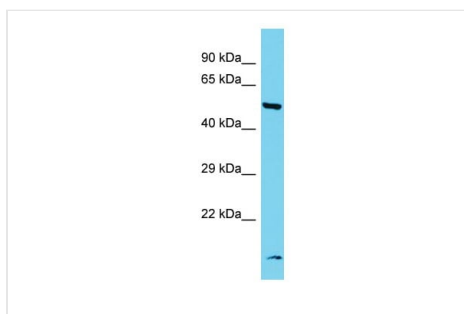
PRODUCT SYNONYMS

RRP8; Polyclonal Antibody; RRP8 Antibody - N-terminal region; anti-RRP8 antibody

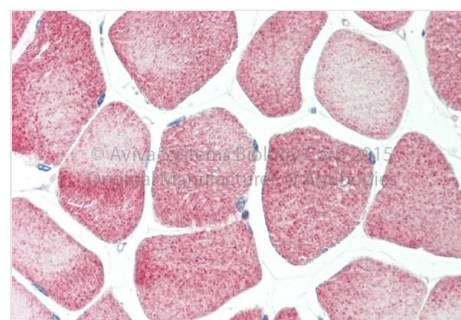
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Horse, Human, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: GK KGKKKCQKQG PPCSDSEEEV ERKKKCHKQA LVGSDSAEDE KRKRKCQK
Sequence Length	456
Applicable Applications for anti-RRP8 antibody	WB (Western Blot)
Homology	Cow: 83%; Horse: 85%; Human: 100%; Rabbit: 85%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N-terminal region of Human RRP8
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

Host: Rabbit Target Name: RRP8 Sample Type: Fetal Kidney lysates Antibody Dilution: 1.0ug/ml


IHC (Immunohistochemistry)

Rabbit Anti-RRP8 Antibody Formalin Fixed Paraffin Embedded Tissue: Human Adult Skeletal muscle Observed Staining: Cytoplasm in hepatocytes Primary Antibody Concentration: 1:600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-RRP8 antibody	This is a rabbit polyclonal antibody against RRP8. It was validated on Western Blot Target Description: RRP8 is an essential component of the eNoSC (energy-dependent nucleolar silencing) complex, a complex that mediates silencing of rDNA in response to intracellular energy status and acts by recruiting histone-modifying enzymes. The eNoSC complex is able to sense the energy status of cell: upon glucose starvation, elevation of NAD+/NADP+ ratio activates SIRT1, leading to histone H3 deacetylation followed by dimethylation of H3 at 'Lys-9' (H3K9me2) by SUV39H1 and the formation of silent chromatin in the rDNA locus. In the complex, RRP8 binds to H3K9me2 and probably acts as a methyltransferase. Its substrates are however unknown.
Product Categories/Family for anti-RRP8 antibody	Polyclonal ; Chromatin & Nuclear Signaling ; Epigenetics ; DNA/RNA/Protein Interactions

NCBI AND UNIPROT INFORMATION

NCBI GI #	12758125
NCBI GeneID	23378
NCBI Accession #	NP_056139
NCBI GenBank Nucleotide #	NM_015324
UniProt Accession #	O43159
Molecular Weight	50kDa
NCBI Official Full Name	ribosomal RNA-processing protein 8
NCBI Official Synonym Full Names	ribosomal RNA processing 8
NCBI Official Symbol	RRP8
NCBI Official Synonym Symbols	NML; KIAA0409
NCBI Protein Information	ribosomal RNA-processing protein 8
UniProt Protein Name	Ribosomal RNA-processing protein 8
UniProt Gene Name	RRP8
UniProt Synonym Gene Names	KIAA0409; NML
UniProt Entry Name	RRP8_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/rrp8-antibody-western-blot-elisa/201419>