

Rabbit RRP8 Polyclonal Antibody | anti-RRP8 antibody

RRP8 Antibody

CATALOG # AAA310834	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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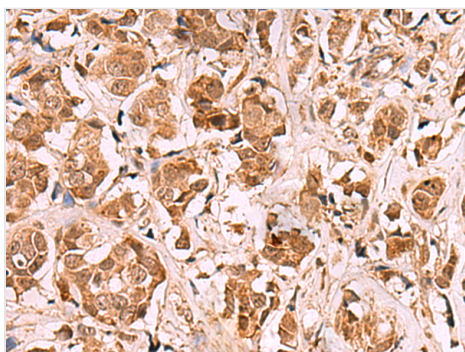
PRODUCT SYNONYMS

RRP8; Polyclonal Antibody; RRP8 Antibody; NML; KIAA0409; anti-RRP8 antibody

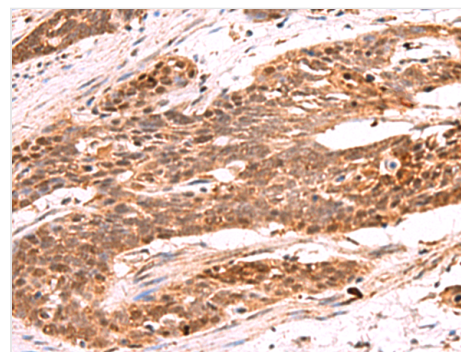
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous levels of total RRP8 protein.
Purity/Purification	Antigen affinity purification
Form/Format	pH 7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration	1.4 mg/mL (varies by lot)
Sequence Length	456
Applicable Applications for anti-RRP8 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Fusion protein of human RRP8
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C.

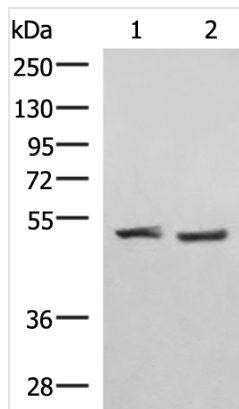
IMAGES


IHC (Immunohistochemisry)

The image is immunohistochemistry of paraffin-embedded Human breast cancer tissue using 47746(RRP8 Antibody) at dilution 1/80.(Original magnification: 200


IHC (Immunohiostchemistry)

The image is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 47746(RRP8 Antibody) at dilution 1/80.(Original magnification: 200



SDS-PAGE

Gel: 8%SDS-PAGE, Lysate: 40 μg, Lane 1-2: Human cerebella tissue, K562 cell lysates, Primary antibody:47746(RRP8 Antibody) at dilution 1/1000, Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution, Exposure time: 30 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-RRP8 antibody	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	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	12758125
NCBI GeneID	23378
NCBI Accession #	NP_056139.1
NCBI GenBank Nucleotide #	NM_015324.4
UniProt Accession #	O43159; Q7KZ78; Q9BVM6
Molecular Weight	51 kDa
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

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.