

Rabbit anti-Human Cerebral 1 Polyclonal Antibody | anti-RRP8 antibody

Cerebral 1 Polyclonal Antibody

CATALOG # AAA294470	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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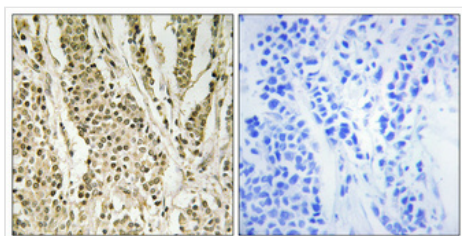
PRODUCT SYNONYMS

Cerebral 1; Polyclonal Antibody; Cerebral 1 Polyclonal Antibody; RRP8; KIAA0409; NML; hucep-1; Ribosomal RNA-processing protein 8; Cerebral protein 1; Nucleomethylin; anti-RRP8 antibody

PRODUCT SPECIFICATIONS

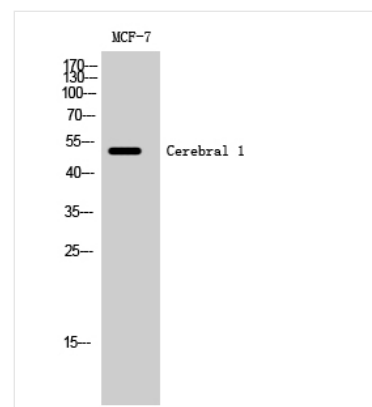
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Applicable Applications for anti-RRP8 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



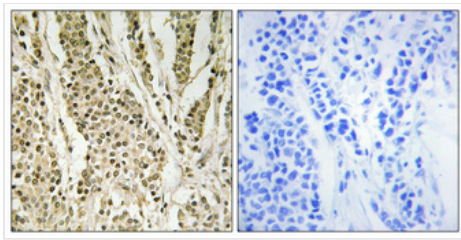
IHC (Immunohistochemistry)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.



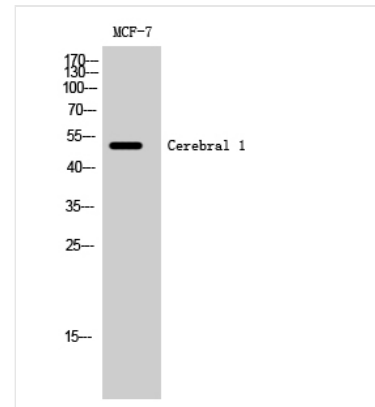
WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.



IHC (Immunohistochemistry)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.



WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	12758125
NCBI GeneID	23378
NCBI Accession #	NP_056139.1
NCBI GenBank Nucleotide #	NM_015324.3
UniProt Accession #	O43159; Q7KZ78; Q9BVM6
Molecular Weight	50,715 Da
NCBI Official Full Name	ribosomal RNA-processing protein 8
NCBI Official Synonym Full Names	ribosomal RNA processing 8, methyltransferase, homolog (yeast)
NCBI Official Symbol	RRP8
NCBI Official Synonym Symbols	KIAA0409
NCBI Protein Information	ribosomal RNA-processing protein 8; nucleomethylin; cerebral protein 1; RRP8 methyltransferase homolog
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://www.aaabiotech.com/polyclonal/cerebral-1-antibody-immunohistochemistry-western-blot-elisa/294470>