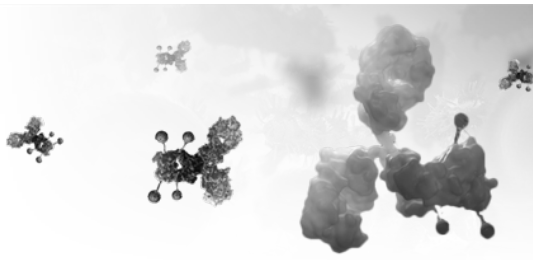

Human RNASEH2A blocking peptide (CDBP2543)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking peptide for anti-RNAse H2A antibody
Antigen Description	The protein encoded by this gene is a component of the heterotrimeric type II ribonuclease H enzyme (RNAseH2). RNAseH2 is the major source of ribonuclease H activity in mammalian cells and endonucleolytically cleaves ribonucleotides. It is predicted to remove Okazaki fragment RNA primers during lagging strand DNA synthesis and to excise single ribonucleotides from DNA-DNA duplexes. Mutations in this gene cause Aicardi-Goutieres Syndrome (AGS), a an autosomal recessive neurological disorder characterized by progressive microcephaly and psychomotor retardation, intracranial calcifications, elevated levels of interferon-alpha and white blood cells in the cerebrospinal fluid.[provided by RefSeq, Aug 2009]
Species	Human
Conjugate	Unconjugated
Applications	BL
Format	Liquid
Concentration	200 µg/ml
Size	50 µg
Buffer	PBS containing 0.02% sodium azide
Preservative	0.02% Sodium Azide
Storage	Store at -20℃, stable for one year.

GENE INFORMATION

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Gene Name	RNASEH2A ribonuclease H2, subunit A [Homo sapiens]
Official Symbol	RNASEH2A
Synonyms	RNASEH2A; ribonuclease H2, subunit A; Aicardi Goutieres syndrome 4 , ribonuclease H2, large subunit; ribonuclease H2 subunit A; AGS4; RNASEHI; RNHIA; RNHL; RNase H(35); RNase H2 subunit A; RNase HI large subunit; ribonuclease HI subunit A; ribonuclease HI large subunit; ribonuclease H2, large subunit; ribonuclease HI, large subunit; aicardi-Goutieres syndrome 4 protein; JUNB;
Entrez Gene ID	10535
mRNA Refseq	NM_006397
Protein Refseq	NP_006388
UniProt ID	O75792
Chromosome Location	19p13.13
Pathway	DNA replication, organism-specific biosystem; DNA replication, conserved biosystem;
Function	RNA binding; endonuclease activity; hydrolase activity; metal ion binding; ribonuclease H activity; ribonuclease activity;

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