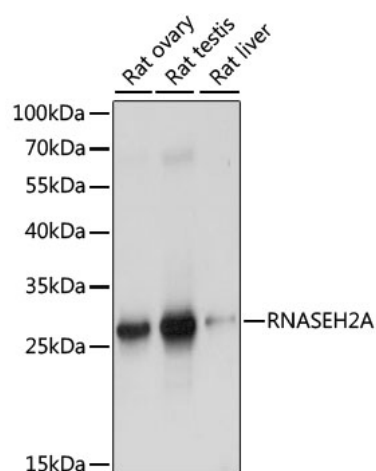
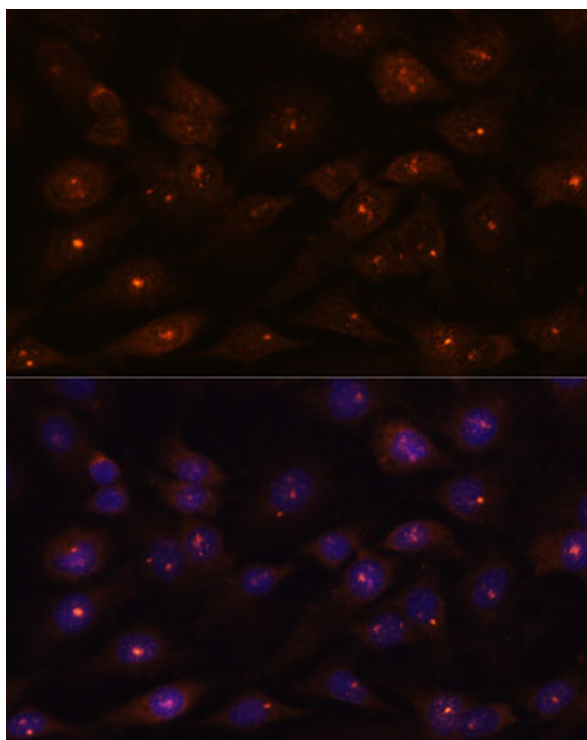


Product name:	RNASEH2A Rabbit Polyclonal Antibody
Cat number:	AB15132
Conjugate:	Unconjugated
Size:	100 ug
Host:	Rabbit
Isotype:	IgG
Immunogen:	Recombinant protein (or fragment). This information is considered to be commercially sensitive.
Reactivity:	Human, Rat
Applications:	WB 1:500 - 1:2000; IF/ICC 1:50 - 1:200; ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Molecular Weight:	33kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	PBS with 0.01% thimerosal, 50% glycerol, pH 7.3
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Background:	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), an autosomal recessive neurological disorder characterized by progressive microcephaly and psychomotor retardation, intracranial calcifications, elevated levels of interferon-α and white blood cells in the cerebrospinal fluid.



Western blot analysis of various lysates using
RNASEH2A Rabbit pAb at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-
Rabbit IgG (H+L) at 1:10000 dilution.
Lysates/proteins: 25µg per lane. Blocking
buffer: 3% nonfat dry milk in TBST. Detection:
ECL West Pico Plus. Exposure time: 1s.



Immunofluorescence analysis of C6 cells using RNASEH2A Rabbit pAb at
dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit
IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.