Datasheet for ABIN954558

anti-RNASEH2C antibody (Middle Region)

2 Images

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Overview

Quantity:	0.4 mL
Target:	RNASEH2C
Binding Specificity:	AA 87-116, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RNASEH2C antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 87~116 amino acids from the Center region of human RNH2C
Isotype:	Ig Fraction
Specificity:	This antibody reacts to RNH2C.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	RNASEH2C
Alternative Name:	RNASEH2C (RNASEH2C Products)

Target Details

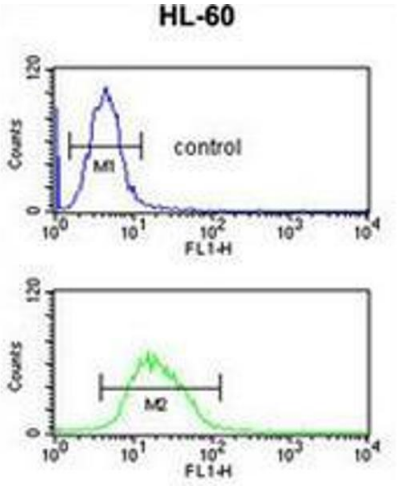
Background:	RNH2C encodes a ribonuclease H subunit that can cleave ribonucleotides from RNA:DNA duplexes.Synonyms: AGS3, AYP1, Aicardi-Goutieres syndrome 3 protein, RNase H1 small subunit, RNase H2 subunit C, Ribonuclease H2 subunit C, Ribonuclease HI subunit C
Molecular Weight:	17840 Da
Gene ID:	84153
NCBI Accession:	NP_115569

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

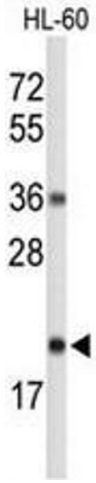
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS, 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Flow Cytometry

Image 1. RNH2C Antibody (Center) flow cytometric analysis of HL-60 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. Western blot analysis of RNH2C Antibody (Center) in HL-60 cell line lysates (35µg/lane). RNH2C(arrow) was detected using the purified Pab.