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Datasheet for ABIN7149530
anti-DND1 antibody (AA 37-180)

1 Image

Overview

Quantity:	100 µL
Target:	DND1
Binding Specificity:	AA 37-180
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DND1 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Dead end protein homolog 1 protein (37-180AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	DND1
Alternative Name:	DND1 (DND1 Products)
Background:	Background: RNA-binding factor that positively regulates gene expression by prohibiting miRNA-mediated gene suppression. Relieves miRNA repression in germline cells (By similarity).

Target Details

Prohibits the function of several miRNAs by blocking the accessibility of target mRNAs. Sequence-specific RNA-binding factor that binds specifically to U-rich regions (URRs) in the 3' untranslated region (3'-UTR) of several mRNAs. Does not bind to miRNAs. May play a role during primordial germ cell (PGC) survival (By similarity). However, does not seem to be essential for PGC migration (By similarity).

Aliases: Dead end homolog 1 (zebrafish) antibody, dead end homolog 1 antibody, Dead end protein antibody, Dead end protein homolog 1 antibody, Dead end, zebrafish, homolog, 1 antibody, DND microRNA-mediated repression inhibitor 1 antibody, dnd1 antibody, DND1_HUMAN antibody, MGC34750 antibody, RBMS4 antibody, RNA binding motif single stranded interacting protein 4 antibody, RNA-binding motif antibody, single-stranded-interacting protein 4 antibody, Ter antibody

UniProt: [Q8IYX4](#)

Application Details

Application Notes: Recommended dilution: IF:1:200-1:500,

Restrictions: For Research Use only

Handling

Format: Liquid

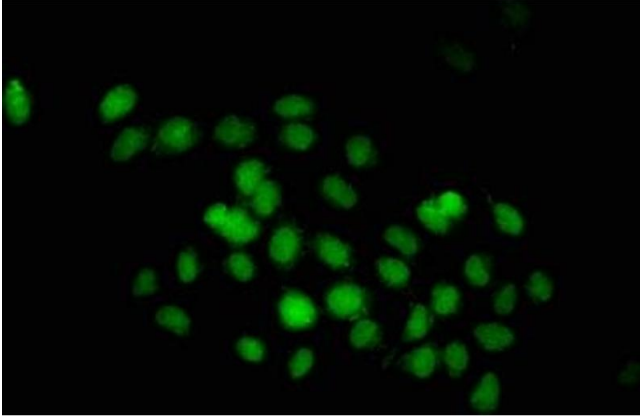
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescence staining of HeLa cells with ABIN7149530 at 1:233, counter-stained with DAPI. The cells were fixed in 4 % formaldehyde, permeabilized using 0.2 % Triton X-100 and blocked in 10 % normal Goat Serum. The cells were then incubated with the antibody overnight at 4 °C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).