Datasheet for ABIN7192079

anti-PUS1 antibody

3 Images

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Overview

Quantity:	100 µL
Target:	PUS1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PUS1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthetic peptide of Human PUS10
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Antigen affinity purification

Target Details

Target:	PUS1
Alternative Name:	PUS1 (PUS1 Products)
Background:	Background: Pseudouridination, the isomerization of uridine to pseudouridine, is the most common posttranscriptional nucleotide modification found in RNA and is essential for biologic functions such as spliceosome biogenesis. Pseudouridylate synthases, such as PUS10, catalyze pseudouridination of structural RNAs, including transfer, ribosomal, and splicing RNAs.

Target Details

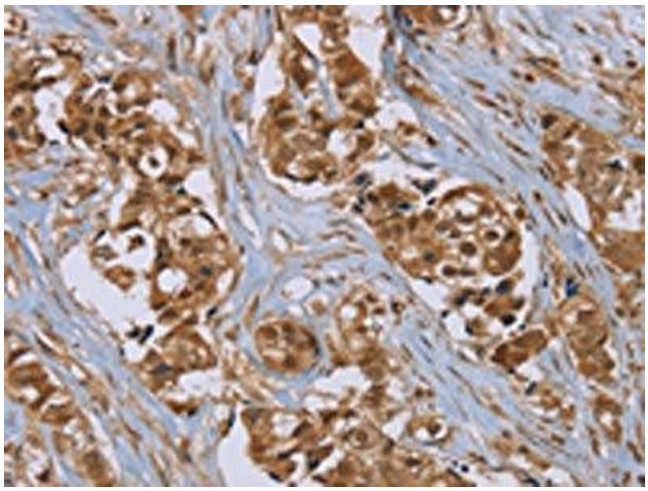
	These enzymes also act as RNA chaperones, facilitating the correct folding and assembly of tRNAs. Aliases: CCDC139 antibody, Coiled coil domain containing 139 antibody, Coiled coil domain containing protein 139 antibody, Coiled-coil domain-containing protein 139 antibody, DOBI antibody, FLJ32312 antibody, MGC126729 antibody, Pseudouridine synthase 10 antibody, Pseudouridylate synthase 10 antibody, Psi55 synthase antibody, pus10 antibody, PUS10_HUMAN antibody, Putative tRNA pseudouridine synthase Pus10 antibody, tRNA pseudouridine 55 synthase antibody, tRNA pseudouridylate synthase antibody, tRNA uridine isomerase antibody, tRNA-uridine isomerase antibody
UniProt:	Q3MIT2

Application Details

Application Notes:	ELISA:1:1000-1:2000, WB:1:200-1:1000, IHC:1:50-1:200,
Restrictions:	For Research Use only

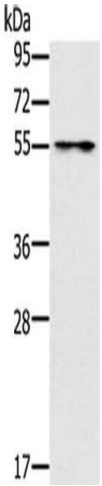
Handling

Format:	Liquid
Buffer:	-20 °C, pH 7.4 PBS, 0.05 % Sodium azide, 40 % Glycerol
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: 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.



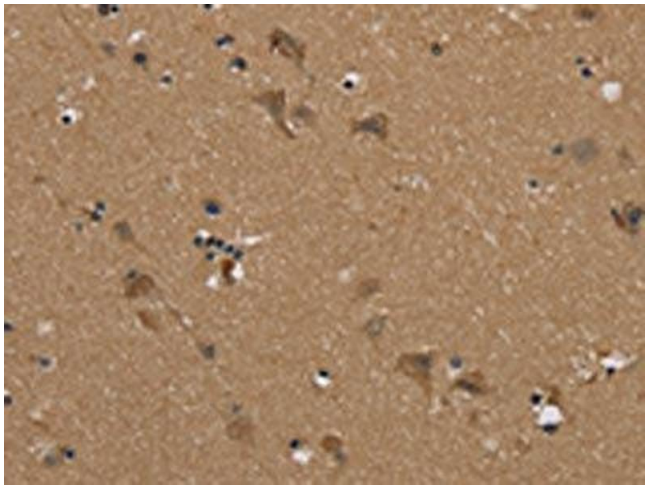
Immunohistochemistry

Image 1. The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using ABIN7192079(PUS10 Antibody) at dilution 1/45, on the right is treated with synthetic peptide. (Original magnification: x200)



Western Blotting

Image 2. Gel: 8 % SDS-PAGE, Lysate: 40 µg, Lane: Mouse intestinum tenue tissue, Primary antibody: ABIN7192079(PUS10 Antibody) at dilution 1/200, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 3 seconds



Immunohistochemistry

Image 3. The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using ABIN7192079(PUS10 Antibody) at dilution 1/45, on the right is treated with synthetic peptide. (Original magnification: x200)

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