

Datasheet for ABIN2856454  
**anti-DPY19L4 antibody (C-Term)**

## 2 Images

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## Overview

Quantity:	100 µL
Target:	DPY19L4
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	Recombinant protein encompassing a sequence within the C-terminus region of human DPY19L4. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Mouse (Murine)
Cross-Reactivity (Details):	Mouse (94 %)
Characteristics:	Rabbit Polyclonal antibody to DPY19L4 (dpy-19-like 4 (C. elegans)) DPY19L4 antibody [C2C3], C-term
Purification:	Purified by antigen-affinity chromatography.

## Target Details

Target:	DPY19L4
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## Target Details

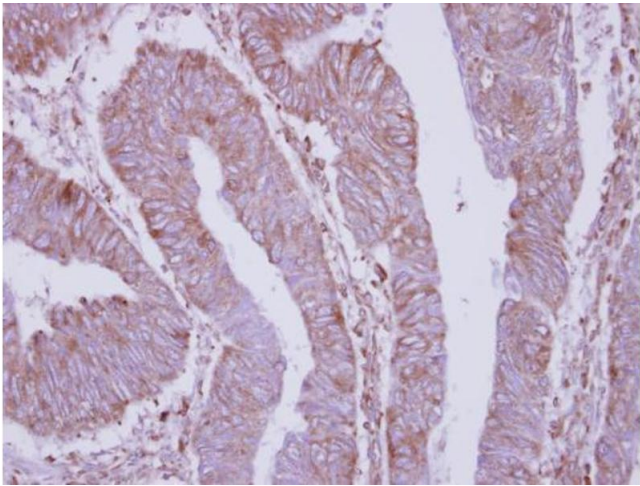
Alternative Name:	DPY19L4 ( <a href="#">DPY19L4 Products</a> )
Background:	<p>Endosomal ferrireductase required for efficient transferrin-dependent iron uptake in erythroid cells. Participates in erythroid iron homeostasis by reducing Fe(3+) to Fe(2+). Can also reduce of Cu(2+) to Cu(1+), suggesting that it participates in copper homeostasis. Uses NAD(+) as acceptor (By similarity). May play a role downstream of p53/TP53 to interface apoptosis and cell cycle progression. Indirectly involved in exosome secretion by facilitating the secretion of proteins such as TCTP.</p> <p>Cellular Localization: Membrane</p>
Molecular Weight:	84 kDa
Gene ID:	286148

## Application Details

Application Notes:	<p>Suggested dilution Reference IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceIHC (Formalin-fixed paraffin-embedded sections)1:100-1:1000* Western blot1:500-1:3000*</p>
Comment:	Positive Control: A549 , HeLa , HepG2 , HCT116
Restrictions:	For Research Use only

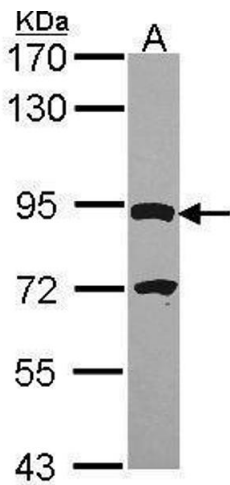
## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris, 0.1M Glycine, 10 % Glycerol ( pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



Immunohistochemistry

**Image 1.** IHC-P Image Immunohistochemical analysis of paraffin-embedded human colon carcinoma, using DPY19L4, antibody at 1:250 dilution.



Western Blotting

**Image 2.** WB Image Sample (30 ug of whole cell lysate) A: Hep G2 , 7.5% SDS PAGE antibody diluted at 1:1000