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Datasheet for ABIN2175287

**anti-Cytochrome C, Somatic Pseudogene 51 (CYCSP51) (AA 341-459) antibody (Cy5.5)**

## Overview

Quantity:	100 µL
Target:	Cytochrome C, Somatic Pseudogene 51 (CYCSP51)
Binding Specificity:	AA 341-459
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Cy5.5
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HCP1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Cow,Chicken
Purification:	Purified by Protein A.

## Target Details

Target:	Cytochrome C, Somatic Pseudogene 51 (CYCSP51)
Alternative Name:	HCP1 ( <a href="#">CYCSP51 Products</a> )

## Target Details

Background:	<p>Synonyms: G21, HCP1, PCFT, Proton-coupled folate transporter, Heme carrier protein 1, PCFT/HCP1, Solute carrier family 46 member 1, SLC46A1</p> <p>Background: Has been shown to act both as an intestinal proton-coupled high-affinity folate transporter and as an intestinal heme transporter which mediates heme uptake from the gut lumen into duodenal epithelial cells. The iron is then released from heme and may be transported into the bloodstream. Dietary heme iron is an important nutritional source of iron. Shows a higher affinity for folate than heme.</p>
Gene ID:	113235
UniProt:	<a href="#">Q96NT5</a>
Pathways:	<a href="#">cAMP Metabolic Process</a> , <a href="#">Dicarboxylic Acid Transport</a>

## Application Details

Application Notes:	<p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
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
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months