

Datasheet for ABIN2175281

## **anti-Cytochrome C, Somatic Pseudogene 51 (CYCSP51) (AA 341-459) antibody (AbBy Fluor® 488)**



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### Overview

Quantity:	100 µL
Target:	Cytochrome C, Somatic Pseudogene 51 (CYCSP51)
Binding Specificity:	AA 341-459
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	AbBy Fluor® 488
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

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**Background:** Synonyms: G21, HCP1, PCFT, Proton-coupled folate transporter, Heme carrier protein 1, PCFT/HCP1, Solute carrier family 46 member 1, SLC46A1  
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.

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**Gene ID:** 113235

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**UniProt:** [Q96NT5](#)

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**Pathways:** [cAMP Metabolic Process](#), [Dicarboxylic Acid Transport](#)

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## Application Details

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**Application Notes:** IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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**Restrictions:** For Research Use only

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## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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

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**Storage:** -20 °C

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**Storage Comment:** Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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**Expiry Date:** 12 months

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