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anti-LACE1 antibody (Cy7)



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Background:

Quantity:	100 μL		
Target:	LACE1		
Reactivity:	Human, Mouse, Rat		
Host:	Rabbit		
Clonality:	Polyclonal		
Conjugate:	This LACE1 antibody is conjugated to Cy7		
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))		
Product Details			
Immunogen:	KLH conjugated synthetic peptide derived from human LACE1		
Isotype:	IgG		
Cross-Reactivity:	Human, Mouse, Rat		
Purification:	Purified by Protein A.		
Target Details			
Target:	LACE1		
Alternative Name:	LACE1 (LACE1 Products)		
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Synonyms: AFG1, ATPase family gene 1 homolog, CG8520 gene product, lace1,

LACE1_HUMAN, Lactation elevated protein 1, Lactivation elevated 1, Protein AFG1 homolog.

LACE1 is encoded by a gene mapping to human chromosome 6. Making up nearly 6 % of the

Background: LACE1 is a 481 amino acid protein that belongs to the AFG1 ATPase family.

human genome, chromosome 6 contains around 1,200 genes within 170 million base pairs of sequence. Deletion of a portion of the q arm of chromosome 6 is associated with early onset intestinal cancer suggesting the presence of a cancer susceptibility locus. Porphyria cutanea tarda is associated with chromosome 6 through the HFE gene which, when mutated, predisposes an individual to developing this porphyria. Notably, the PARK2 gene, which is associated with Parkinson's disease, and the genes encoding the major histocompatibility complex proteins, which are key molecular components of the immune system and determine predisposition to rheumatic diseases, are also located on chromosome 6. Stickler syndrome, 21-hydroxylase deficiency and maple syrup urine disease are also associated with genes on chromosome 6. A bipolar disorder susceptibility locus has been identified on the q arm of chromosome 6.

Gene ID:

246269

IF(IHC-P) 1:50-200

Application Details

Application Notes:

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	