Datasheet for ABIN1411720

anti-LINGO4 antibody (AA 331-450) (Cy5)

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Overview

Quantity:	100 µL
Target:	LINGO4
Binding Specificity:	AA 331-450
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LINGO4 antibody is conjugated to Cy5
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 LINGO4
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat
Purification:	Purified by Protein A.

Target Details

Target:	LINGO4
Alternative Name:	LINGO4 (LINGO4 Products)
Background:	Synonyms: Leucine rich repeat and Ig domain containing 4, Leucine rich repeat and

Target Details

	immunoglobulin like domain containing nogo receptor interacting protein 4, Leucine rich repeat neuronal protein 6D, LRRN6D, LIGO4_HUMAN. Background: Lingo-4 is a 593 amino acid single-pass type I membrane protein that contains eleven LRR (leucine-rich) repeats, one Ig-like C2-type (immunoglobulin-like) domain, one LRRCT domain and one LRRNT domain. The gene that encodes Lingo-4 consists of approximately 5,891 bases and maps to human chromosome 1q21.3. Comprising nearly 8 % of the human genome, chromosome 1 spans 260 million base pairs, contains over 3,000 genes and houses a large number of disease-associated genes, including those that are involved in familial adenomatous polyposis, Stickler syndrome, Parkinson?s disease, Gaucher disease, schizophrenia and Usher syndrome.

Application Details

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

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

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