

Datasheet for ABIN5611215
anti-ATL1 antibody (AA 1-100)



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3 Images

Overview

Quantity:	100 µL
Target:	ATL1
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ATL1 antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	ATL1 Antibody
Immunogen:	Purified recombinant fragment of human ATL1 (AA: 1-100) expressed in E. Coli.
Clone:	1F6B12
Isotype:	IgG1
Purification:	Purified antibody

Target Details

Target:	ATL1
Alternative Name:	ATL1 (ATL1 Products)
Background:	Description: The protein encoded by this gene is a GTPase and a Golgi body transmembrane

Target Details

protein. The encoded protein can form a homotetramer and has been shown to interact with spastin and with mitogen-activated protein kinase kinase kinase 4. This protein may be involved in axonal maintenance as evidenced by the fact that defects in this gene are a cause of spastic paraplegia type 3. Three transcript variants encoding two different isoforms have been found for this gene.

Aliases: FSP1, GBP3, SPG3, HSN1D, SPG3A, AD-FSP, atlastin1

Molecular Weight:	63.5kDa
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Gene ID:	51062
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HGNC:	51062
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UniProt:	Q8WXF7
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Application Details

Application Notes:	ELISA: 1/10000
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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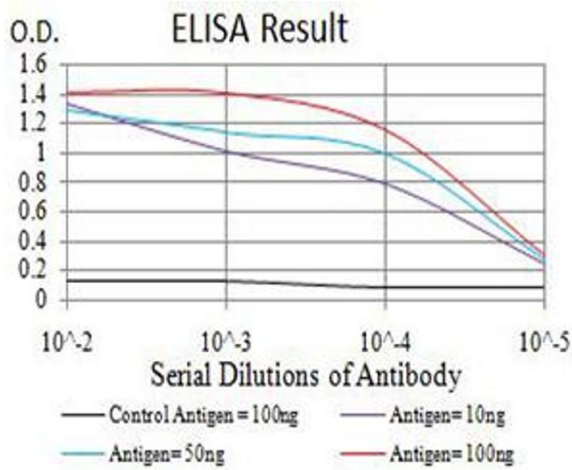
Buffer:	Purified antibody in PBS with 0.05 % sodium azide.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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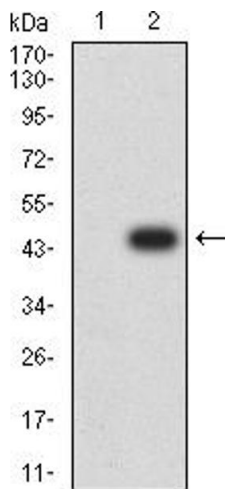
Storage:	4 °C, -20 °C
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Storage Comment:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
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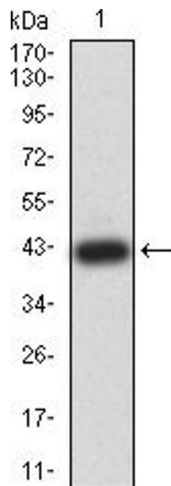
ELISA

Image 1. Black line: Control Antigen (100 ng), Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng)



Western Blotting

Image 2. Western blot analysis using ATL1 mAb against HEK293 (1) and ATL1 (AA: 1-100)-hlgGfc transfected HEK293 (2) cell lysate.



Western Blotting

Image 3. Western blot analysis using ATL1 mAb against human ATL1 (AA: 1-100) recombinant protein. (Expected MW is 41.3 kDa)