Datasheet for ABIN6391400

anti-LMO3 antibody (C-Term)

2 Images

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Overview

Quantity:	100 µg
Target:	LMO3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This LMO3 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	LIM domain only 3 / lmo3
Sequence:	EGLMKEGYAP QVR
Isotype:	IgG
Cross-Reactivity:	Dog, Human, Mouse, Pig
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	LMO3

Target Details

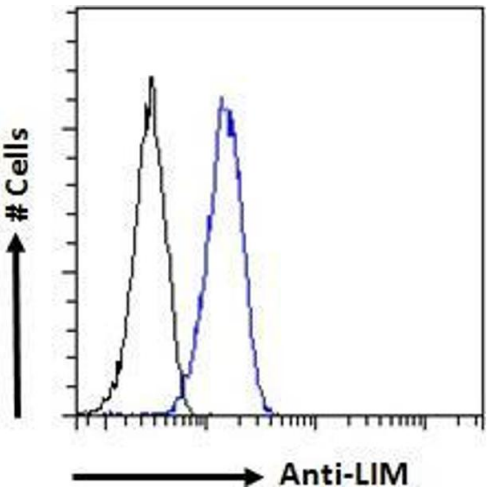
Alternative Name:	Lmo3 (LMO3 Products)
Background:	Lmo3, LIM domain only 3, AI854781, BB106490, Rbtn-3, Rbtn3, LIM domain only protein 3, LIM only 3, LMO-3, neuronal-specific transcription factor DAT1
Gene ID:	55885, 109593
NCBI Accession:	NP_061110, NP_001230540, NP_001230541, NP_001230542
Pathways:	Dopaminergic Neurogenesis

Application Details

Application Notes:	Immunohistochemistry: This antibody has been successfully used in IHC on Mouse, PMID: 32562661. Peptide ELISA: antibody detection limit dilution 1:128000.
Comment:	**Immunofluorescence:** Strong expression of the protein seen in the cytoplasm and nuclei of HeLa cells. Recommended concentration: 10µg/ml. **Flow Cytometry:** Flow cytometric analysis of HeLa cells. Recommended concentration
Restrictions:	For Research Use only

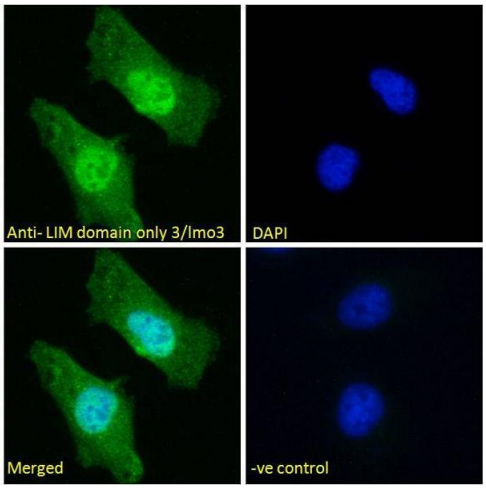
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Flow Cytometry

Image 1. ABIN6391400 Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Immunofluorescence

Image 2. ABIN6391400 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).