

#### **International Office**

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# EB12770 - Goat Anti-LIM domain only 3 / Imo3 Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

**Principal Names:** Lmo3, LIM domain only 3, Al854781, BB106490, Rbtn-3, Rbtn3, LIM domain only protein 3, LIM only 3, LMO-3, neuronal-specific transcription factor DAT1

Official Symbol: Lmo3

Accession Number(s): NP\_061110.2; NP\_001230540.1; NP\_001230541.1;

NP 001230542.1

Human GeneID(s): 55885

Non-Human GenelD(s): 109593 (mouse)

#### **Immunogen**

Peptide with sequence C-EGLMKEGYAPQVR, from the C Terminus of the protein sequence according to NP\_061110.2; NP\_001230540.1; NP\_001230541.1; NP\_001230542.1.

Please note the peptide is available for sale.

# **Purification and Storage**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

# **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:128000.

IHC: This antibody has been successfully used in IHC on Mouse, PMID: 32562661.

**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: 10ug/ml.

# **Species Reactivity**

Tested: Human, Mouse

Expected from sequence similarity: Human, Mouse, Dog, Pig

### **Specific Reference**

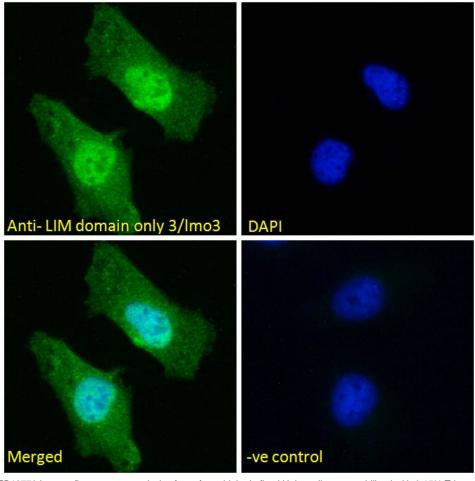
# This antibody has been successfully used in IHC on Mouse:

Sara Brignani, Divya D A Raj, Ewoud R E Schmidt, Özge Düdükcü, Youri Adolfs, Anna A De Ruiter, Mateja Rybiczka-Tesulov, Marieke G Verhagen, Christiaan van der Meer, Mark H Broekhoven, Juan A Moreno-Bravo, Laurens M Grossouw, Emilie Dumontier, Jean-François Cloutier, Alain Chédotal, R Jeroen Pasterkamp

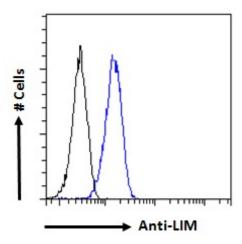
Remotely Produced and Axon-Derived Netrin-1 Instructs GABAergic Neuron Migration and Dopaminergic Substantia Nigra Development.

Neuron. 2020 Aug 19;107(4):684-702.

PMID: 32562661



EB12770 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).



EB12770 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.