



## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB12770 - Goat Anti-LIM domain only 3 / Lmo3 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** 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

**Official Symbol:** Lmo3

**Accession Number(s):** NP\_061110.2; NP\_001230540.1; NP\_001230541.1;  
NP\_001230542.1

**Human GeneID(s):** [55885](#)

**Non-Human GeneID(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

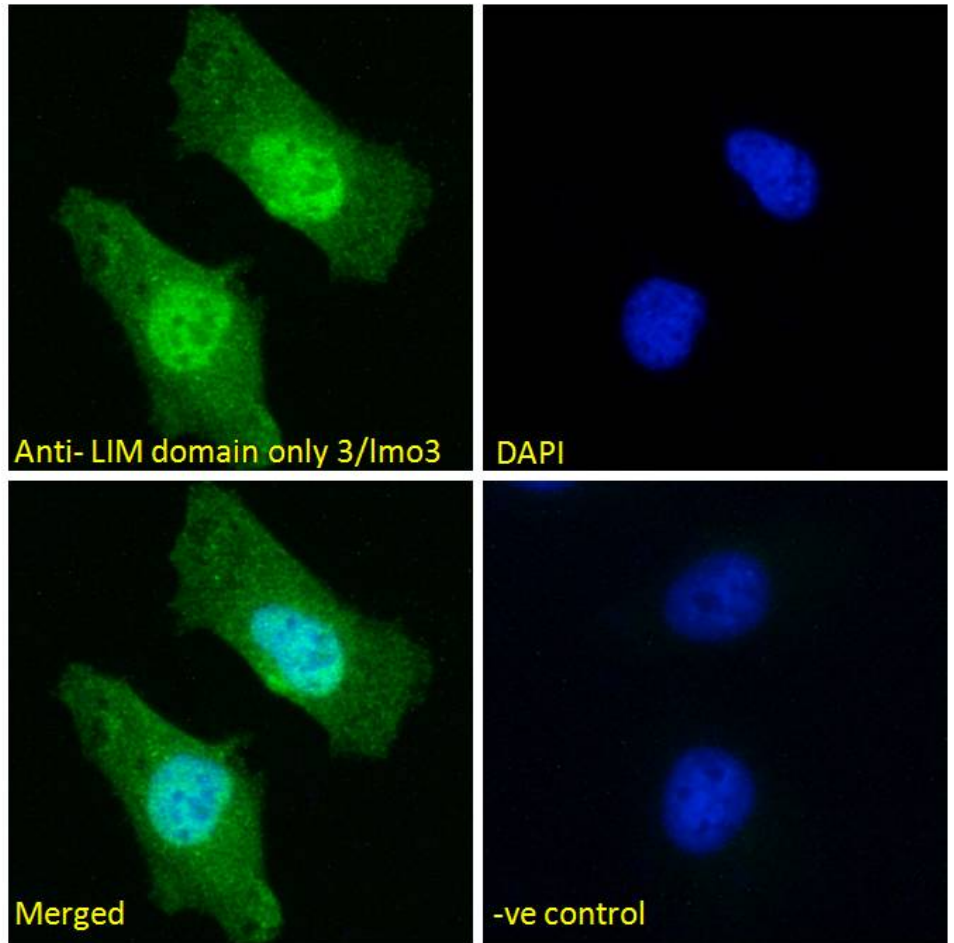
**Tested:** Human, Mouse

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

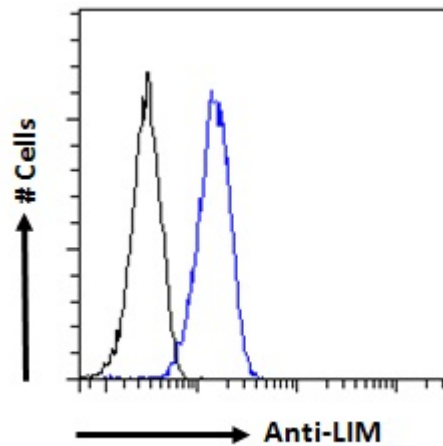
### Specific Reference

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

Sara Brignani, Divya D A Raj, Ewoud R E Schmidt, Özge Düdükçü, Youri Adolfs, Anna A De Ruiter, Mateja Rybiczká-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.