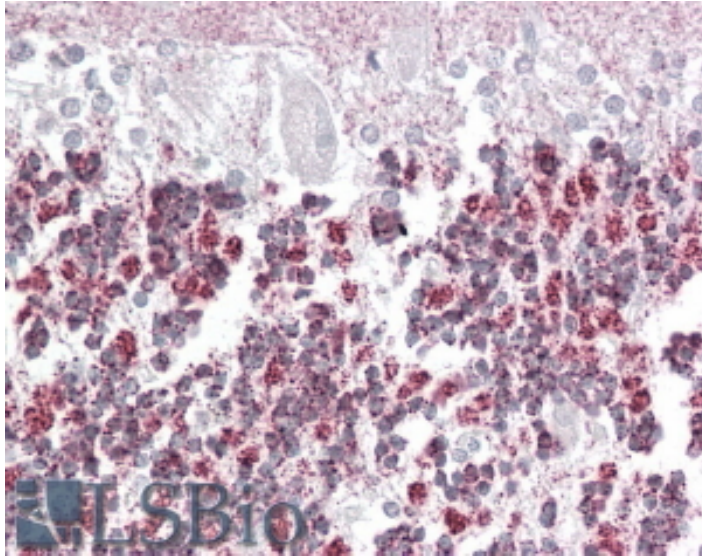




# GOAT ANTI-LAFORIN (ISOFORM A) ANTIBODY

**SKU:** EB08570



## SPECIFICATIONS

<b>Formulation</b>	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
<b>Unit Size</b>	100 µg
<b>Storage Instructions</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Synonym / Alias Names</b>	LAFPTase lafora PTPase glucan phosphatase MELF EPM2 epilepsy, progressive myoclonus type 2A, Lafora disease (laforin) EPM2A laforin epilepsy, progressive myoclonus type 2, Lafora disease (laforin)
<b>Usage Summary</b>	<p><b>Immunofluorescence:</b> Strong expression of the protein seen in HeLa cells. Recommended concentration: 10µg/ml.</p> <p><b>Flow Cytometry:</b> Flow cytometric analysis of HeLa cells. Recommended concentration: 10ug/ml.</p>
<b>Accession ID</b>	NP_005661.1; NP_001018051.1; NP_001346986.1; NP_001355059.1
<b>Blocking Peptide</b>	EBP08570
<b>Immunogen</b>	Peptide with sequence C-EATGHTNEMKHTTD, from the internal region of the protein sequence according to NP_005661.1; NP_001018051.1; NP_001346986.1; NP_001355059.1.
<b>Product Comments</b>	This antibody is expected to recognize all reported isoforms listed.
<b>Peptide Sequence</b>	C-EATGHTNEMKHTTD

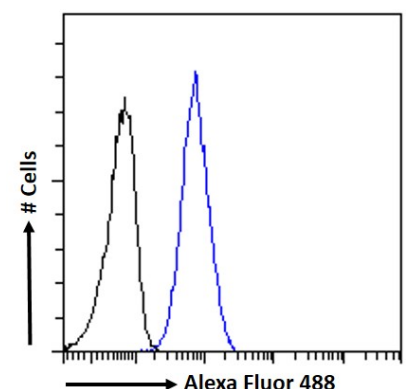
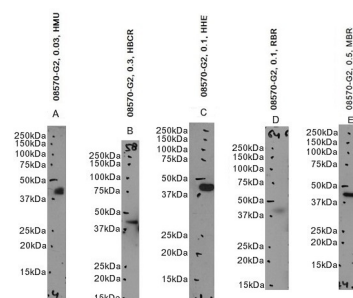
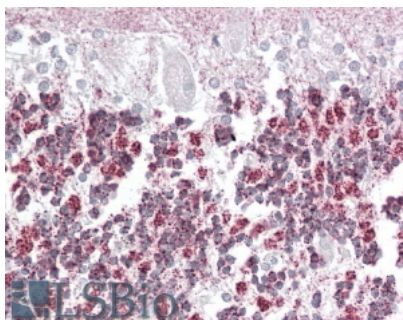


<b>Purification Method</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Shipping Instructions</b>	Refrigerated
<b>Predicted Species</b>	Human, Mouse, Rat, Cow
<b>Reactive Species</b>	Human, Mouse, Rat
<b>Human Gene ID</b>	7957
<b>Mouse Gene ID</b>	13853
<b>Rat Gene ID</b>	680683
<b>Product Grade</b>	<a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png</a>
<b>IHC Results</b>	Paraffin embedded Human Cerebellum and Heart. Recommended concentration: 2.5µg/ml.
<b>ELISA</b>	
<b>Detection Limit</b>	Antibody detection limit dilution 1:16000.
<b>Western Blot</b>	Approx. 38-40kDa band observed in Human Cerebellum, Heart and Skeletal Muscle lysates and in Mouse and Rat Brain lysates (calculated MW of 37.2kDa according to Human NP_005661.1, 37.0kDa according to Mouse NP_034276.2 and 37.1kDa according to Rat NP_001263691.1). Recommended concentration: 0.03-0.5µg/ml. Primary incubation 1 hour at room temperature.
<b>Application Type</b>	Pep-ELISA, WB, IHC, IF, FC

## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES





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