

# GOAT ANTI-LIMP2 / SCARB2 ANTIBODY

**SKU:** EB09295



## 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</b>	
<b>Instructions</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Synonym / Alias</b>	scavenger receptor class B member 2 LIMP II CD36 antigen-like 2 85 kDa lysosomal membrane sialoglycoprotein LIMP-2 LGP85 EPM4 lysosomal integral membrane protein II CD36 antigen (collagen type I receptor, thrombospondin receptor)-like 2 (lysosomal integral membrane protein II) 85 kDa lysosomal sialoglycoprotein scavenger receptor class B, member 2 SR-BII LIMP II HLGP85 CD36L2 AMRF scavenger receptor class B, member 2 SCARB2
<b>Usage Summary</b>	<strong>Immunofluorescence:</strong> Strong expression of the protein seen in the cytoplasm of U251 cells. Recommended concentration: 10µg/ml. <strong>Flow Cytometry:</strong> Flow cytometric analysis of U251 cells. Recommended concentration: 10ug/ml.
<b>Accession ID</b>	NP_005497.1
<b>Blocking Peptide</b>	EBP09295
<b>Immunogen</b>	Peptide with sequence C-NKANIQFGDNGTTIS, from the internal region of the protein sequence according to NP_005497.1.
<b>Product Comments</b>	This antibody is expected to recognize reported isoform 1 (NP_005497.1) only.
<b>Peptide Sequence</b>	C-NKANIQFGDNGTTIS
<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
<b>Reactive Species</b>	Human
<b>Human Gene ID</b>	950
<b>Mouse Gene ID</b>	12492
<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>	In paraffin embedded Human Cerebral Cortex shows lysosomal staining. Recommended concentration: 3-5µg/ml.
<b>ELISA</b>	
<b>Detection Limit</b>	Antibody detection limit dilution 1:4000.

**Western  
Blot**

Approx. 80kDa band observed in Human Cerebral Cortex lysates and in preliminary testing of Human Thyroid lysate and U251 cell lysate (calculated MW of 54.3kDa according to NP\_005497.1). This molecular weight is observed in the literature (Fujita et al, 1992, PMID: 1374238) and by other commercial sources. Recommended concentration: 0.03-0.1µg/ml. Primary incubation 1 hour at room temperature. This antibody has been successfully used in WB on Human: Murphy KE et al. (2014) PMID: 24477431.

**Application  
Type**

Pep-ELISA, WB, IHC, IF, FC

## SELECTED REFERENCES

[{"pmid": 24477431, "intro": "**This antibody has been successfully used in Western blot on Human:**", "title": "Reduced glucocerebrosidase is associated with increased  $\alpha$ -synuclein in sporadic Parkinson's disease.", "author": "Murphy KE, Gysbers AM, Abbott SK, Tayebi N, Kim WS, Sidransky E, Cooper A, Garner B, Halliday GM.", "journal": "Brain. 2014 Mar;137(Pt 3):834-48."}]

## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES



