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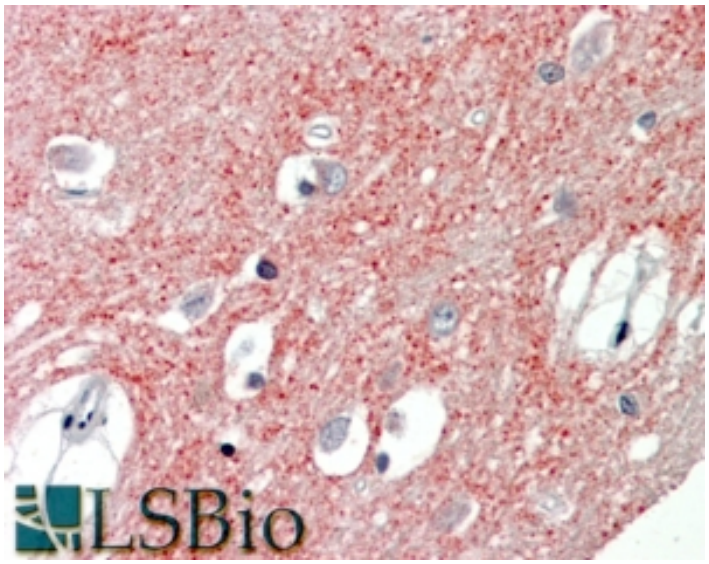
GOAT ANTI-VGLUT1 ANTIBODY

SKU: EB08600



SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	vesicular glutamate transporter 1|solute carrier family 17, member 7|brain-specific Na-dependent inorganic phosphate cotransporter|VGLUT1|BNPI|solute carrier family 17 (sodium-dependent inorganic phosphate cotransporter), member 7|SLC17A7
Usage Summary	Immunofluorescence: This antibody has been successfully used in IF on Human, PMID: 28455787.
Accession ID	NP_064705.1
Blocking Peptide	EBP08600
Immunogen	Peptide with sequence C-HDQLAGSDDSEMED, from the internal region of the protein sequence according to NP_064705.1.
Peptide Sequence	C-HDQLAGSDDSEMED
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Rat, Dog, Cow
Reactive Species	Human, Mouse
Human Gene ID	57030
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
IHC Results	In paraffin embedded Human Cortex shows vesicular staining amongst the many axons and dendrites. Paraffin embedded Human Adrenal Coretx. Recommended concentration: 3.75µg/ml. In paraffin embedded Mouse Brain shows staining of the periphery of the ventromedial nucleus in the hypothalamus Recommended concentration: 0.3-1µg/ml.
ELISA Detection Limit	Antibody detection limit dilution 1:32000.
Application Type	Pep-ELISA, IHC, IF

SELECTED REFERENCES

[{"pmid": 28455787, "intro": "**This antibody has been successfully used in IF on Human:**", "title": "Elevated Expression of TRPC4 in Cortical Lesions of Focal Cortical Dysplasia II and Tuberous Sclerosis Complex", "author": "Lu-Kang Wang, Xin Chen, Chun-Qing Zhang, Chao Liang, Yu-Jia Wei, Jiong Yue, Shi-Yong Liu, Hui Yang", "journal": "J Mol Neurosci. 2017 Jun;62(2):222-231."}]

GALLERY IMAGES