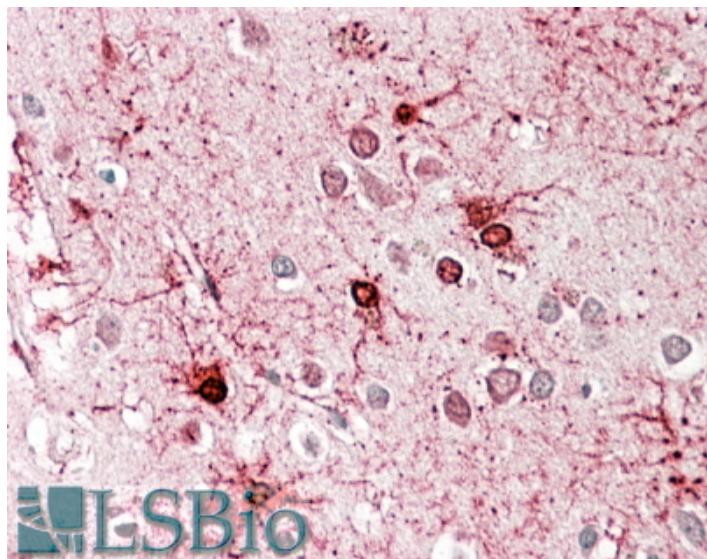


GOAT ANTI-GLUTAMATE DEHYDROGENASE ANTIBODY

SKU: EB09856



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

Synonym /

Alias GLUD1|MGC132003|glutamate dehydrogenase 1|GLUD|GDH1|GDH
Names

Usage Immunofluorescence: Customer found particulate cytoplasm staining in HeLa.
Summary <p>Additional validation: This antibody has been successfully used in the following paper:
Sikorski et al. (2018) PMID: 30377371.</p>

Accession ID NP_005262.1; NP_036216.2

Blocking Peptide EBP09856

Immunogen Peptide with sequence C-ESEEQKRNRVRGILR, from the internal region of the protein sequence according to
NP_005262.1; NP_036216.2.

Product Comments This antibody is expected to recognize both reported isoforms (NP_005262.1; NP_036216.2).

Peptide Sequence C-ESEEQKRNRVRGILR

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using

Method the immunizing peptide.

Shipping Instructions Refrigerated

Predicted Species Human, Mouse, Rat, Dog, Cow

Reactive Species Human, Mouse, Rat

Human Gene ID 2746, 2747

Mouse Gene ID 14661

Rat Gene ID 24399

Product Grade https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png

IHC Results In paraffin embedded Human Cerebral Cortex shows mitochondrial staining in neuronal cell bodies and axons.
Recommended concentration: 3-5µg/ml.

ELISA Detection Limit Antibody detection limit dilution 1:32000.

Western Blot Approx 55kDa band observed in Human Brain (Cerebellum) and Mouse Brain lysates and in Human, Mouse and Rat Liver lysates (calculated MW of 61.4kDa according to Human NP_005262.1, of 61.3kDa according to Mouse NP_032159.1 and of 61.4kDa according to Rat NP_036702.1). Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour.

Application Type Pep-ELISA, WB, IHC, IF

SELECTED REFERENCES

[{"pmid": 30377371, "intro": "**This antibody has been successfully used in the following paper:**", "title": "A high-throughput pipeline for validation of antibodies", "author": "Krzysztof Sikorski, Adi Mehta, Marit Inngjerdingen, Flourina Thakor, Simon Kling, Tomas Kalina, Tuula A. Nyman, Maria Ekman Stensland, Wei Zhou, Gustavo A. De Souza, Lars Holden, Jan Stuchly, Markus Templin and Fridtjof Lund-Johansen", "journal": "Nat Methods. 2018 Nov;15(11):909-912"}]

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

