

Product Datasheet

GLUD1/GLUD2 Antibody (orb1249164)

Description

GLUD1/GLUD2 Antibody

Species/Host

Goat

Reactivity

Human, Mouse, Rat

Conjugation

Unconjugated

Tested

ELISA, IF, IHC, WB

Applications

Immunogen

The immunogen for this antibody is: C-ESEEQKRNVRGILR

Target

GLUD1 / GLUD2

Preservatives

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

Form/Appearance

Liquid

Concentration

500 ug/mL

Storage

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

Note

For research use only

Application notes

Peptide ELISA: 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: 0.3-1ug/ml. Primary incubation was 1 hour. Immunohistochemistry: In paraffin embedded Human Cerebral Cortex shows mitochondrial staining in neuronal cell bodies and axons. Recommended concentration: 3-5ug/ml. Immunofluorescence: Customer found particulate cytoplasm staining in HeLa. Additional validation: This antibody has been successfully used in the following paper: Sikorski et al. (2018) PMID: 30377371.

Clonality

Polyclonal

Uniprot ID

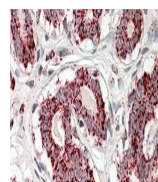
P00367

NCBI

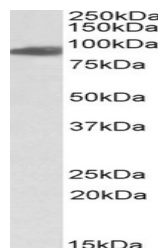
NP_036216.2, NP_005262.1

Dilution Range

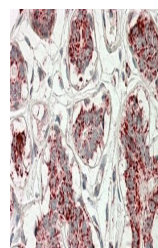
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orb1249164
(0.03 ug/ml)
staining of
Huma...



orb1249164
(3.75 ug/ml)
staining of
para...



orb1249164
(0.01 ug/ml)
staining of
Huma...