

UK Office

Everest Biotech Ltd

Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD
UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

**Research Use Only. Not for
diagnostic or therapeutic use.**

EB07826 - Goat Anti-OLIG1 (internal region) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: OLIG1, oligodendrocyte transcription factor 1, BHLHB6, basic domain, helix-loop-helix protein, class B, 6, oligodendrocyte lineage transcription factor 1, oligodendrocyte-specific bHLH transcription factor 1

Official Symbol: OLIG1

Accession Number(s): NP_620450.1

Human GeneID(s): [116448](#)

Immunogen

Peptide with sequence C-HPGGSARPDAAKEEQ, from the internal region of the protein sequence according to NP_620450.1.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

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

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:2000.

Western blot: Preliminary experiments in Human Brain (Cerebellum, Hippocampus and Frontal Cortex) lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

Species Reactivity

Tested:

Expected from sequence similarity: Human

Background Reference

Brena RM, Morrison C, Liyanarachchi S, Jarjoura D, Davuluri RV, Otterson GA, Reisman D, Glaros S, Rush LJ, Plass C.

Aberrant DNA Methylation of OLIG1, a Novel Prognostic Factor in Non-Small Cell Lung Cancer.

PLoS Med. 2007 Mar 27;4(3):e108 [Epub ahead of print]

PMID: 17388669