

## UK Office

### Everest Biotech Ltd

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

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://www.everestbiotech.com)

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

## EB05827 - Goat Anti-Neuro-d4 / DPF1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** DPF1, NEUD4, neuro-d4, D4, zinc and double PHD fingers family 1, Neuro-d4 (rat) homolog, D4, zinc and double PHD fingers, family 1, MGC150428, MGC150429, BAF45b, OTTHUMP00000211615, neuro-d4 homolog

**Official Symbol:** DPF1

**Accession Number(s):** NP\_001128627.1; NP\_004638.2; NP\_001128628.1

**Human GeneID(s):** [8193](#)

**Non-Human GeneID(s):** 29861 (mouse), 50545 (rat)

**Important Comments:** This antibody is expected to recognize all three reported isoforms (NP\_001128627.1; NP\_004638.2; NP\_001128628.1).

### Immunogen

Peptide with sequence C-HLKEKASAYITLT, from the C Terminus of the protein sequence according to NP\_001128627.1; NP\_004638.2; NP\_001128628.1.

Please note the [peptide](#) is available for sale.

### 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:** Approx 35kDa band observed in Human Brain (Cerebellum) lysates (calculated MW of 37.9 according to NP\_001128628.1). Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat, Cow

EB05827(1µg/ml) staining of Human Brain (Cerebellum) lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.