



## 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.**

## EB05491 - Goat Anti-KIF5A Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** KIF5A, kinesin family member 5A, NKHC, N-KHC, D12S1889, MY050, SPG10, KIF5A variant protein, kinesin, heavy chain, neuron-specific

**Official Symbol:** KIF5A

**Accession Number(s):** NP\_004975.2

**Human GeneID(s):** [3798](#)

### Immunogen

Peptide with sequence C-QAKLFPLHQETAAS, from the C Terminus of the protein sequence according to NP\_004975.2.

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 1:16000.

**Western blot:** Preliminary experiments gave bands at approx 140, 50, 35 and 20kDa in Human Brain lysates at 1ug of primary. Please note that currently we cannot find an explanation in the literature for the multiple bands we observe given the predicted size of approx. 119Kda according to NP\_004975. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any splice variants/modified forms been reported?

### Species Reactivity

**Tested:**

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